



**Light**  
**Challenge Cards**



**Light**  
**Challenge Cards**



**Light**  
**Challenge Cards**

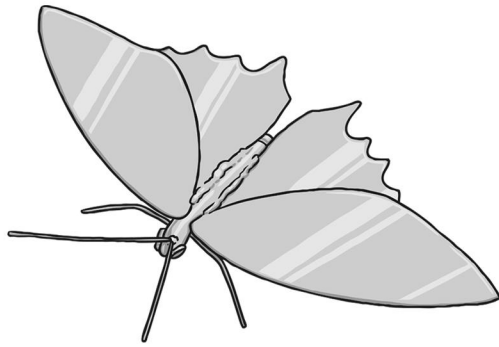


**Light**  
**Challenge Cards**





Smooth and shiny materials reflect light well.



How can these materials be useful?

G D F I K

Can you create an A-Z of light?

A = absorb

B = beam

C = colours

D = damage from the sun

A J C L E

Your shadow changes throughout the day.

Can you explain how it changes and why this happens?



The Moon can light things up at night, but it is not a light source.

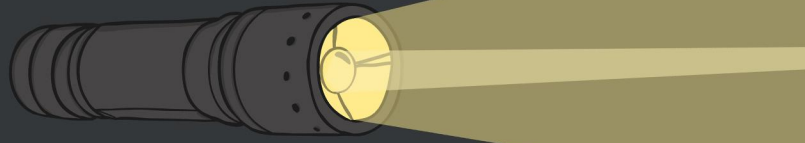


Can you explain why it appears to emit light?

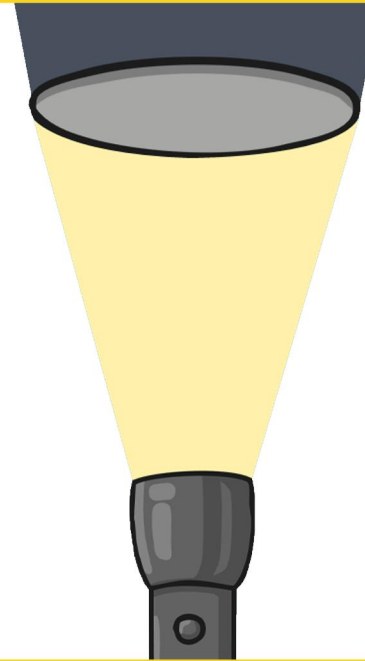




A battery powered torch is an artificial light source, while the Sun is a natural light source.

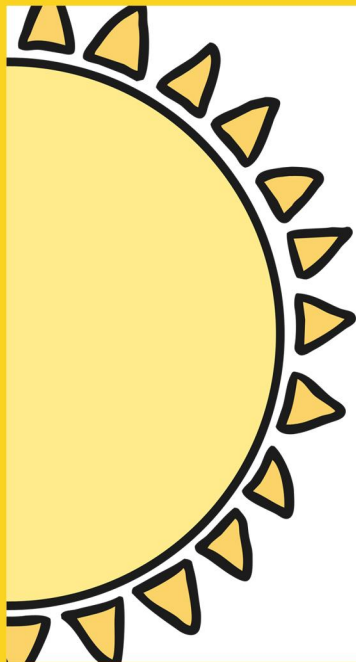


Can you think of two other natural sources of light?



A shadow is formed when an object blocks light, causing a darker area behind the object.

Are shadows always black?

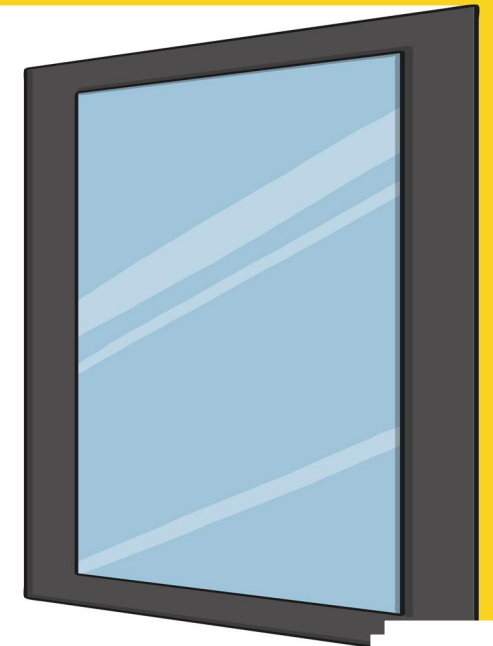


The Sun can damage our eyes if we look directly at it.

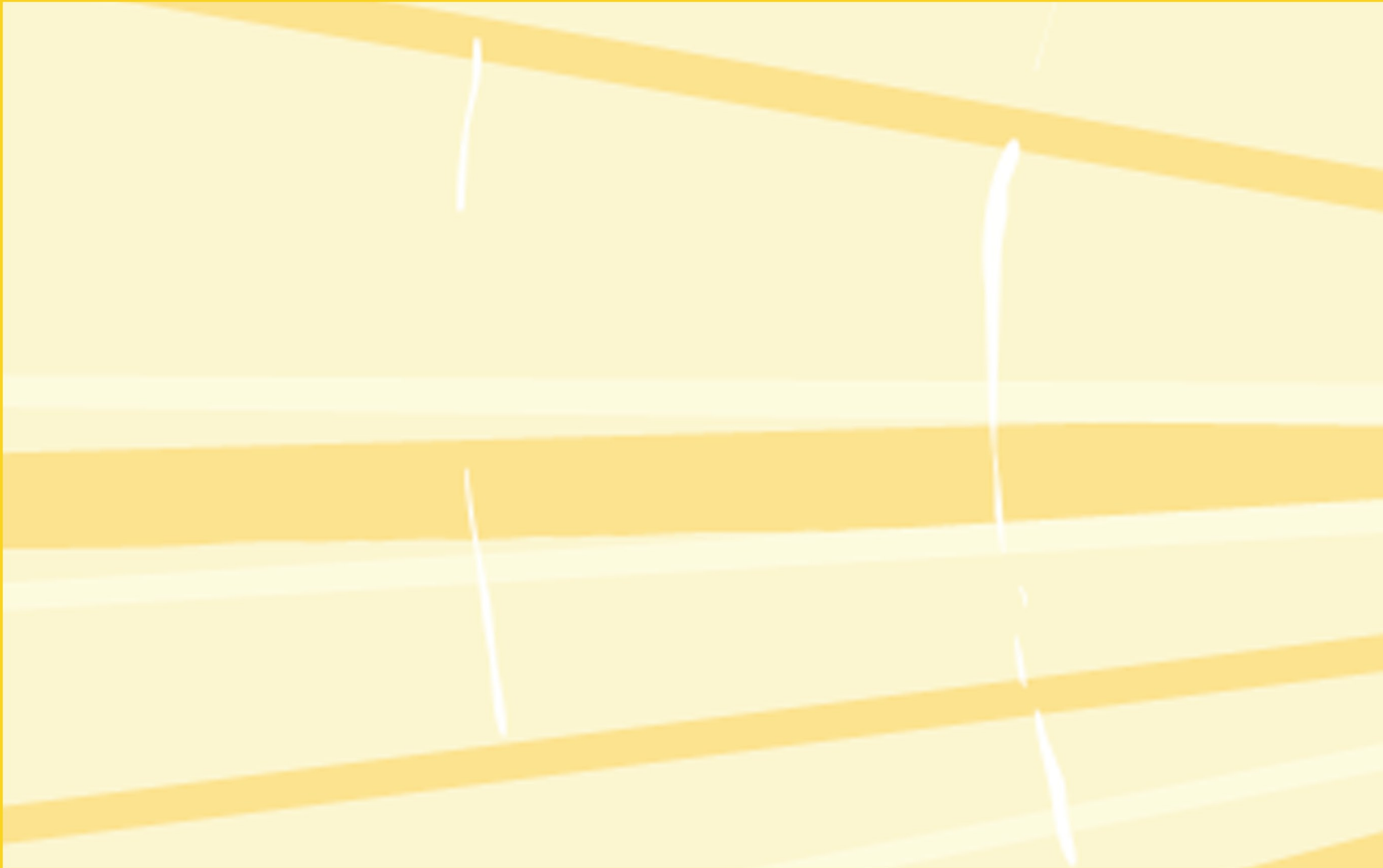
What do you think is the best way to protect your eyes in the sun?

We often look at our reflection in mirrors.

Is the image in a mirror a true reflection of ourselves?







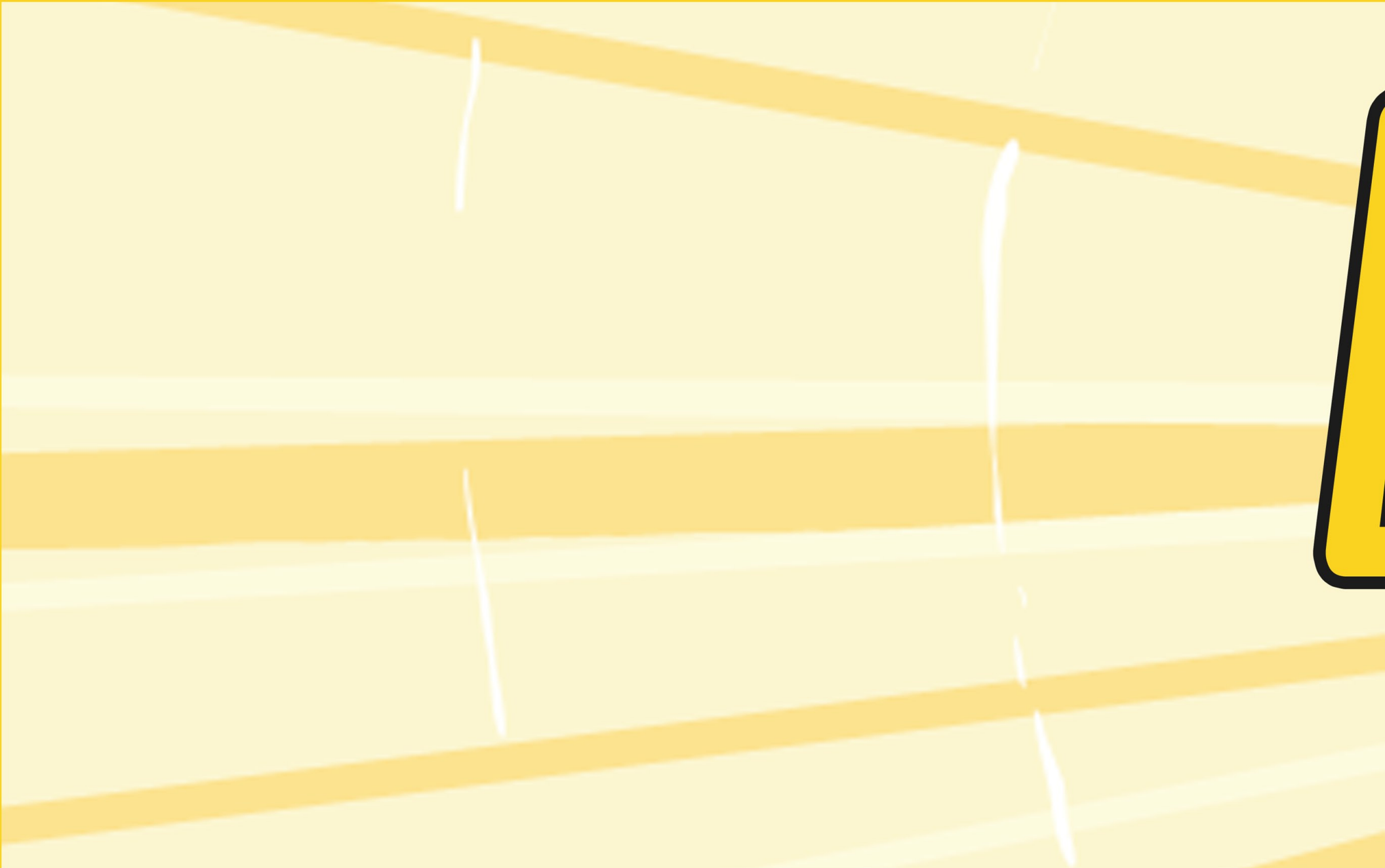




Light











Light







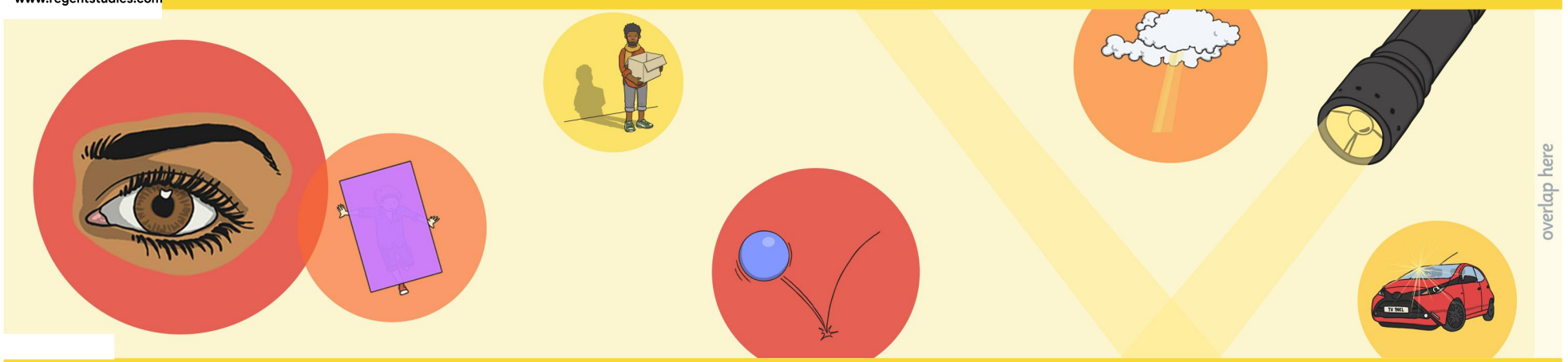


ig h

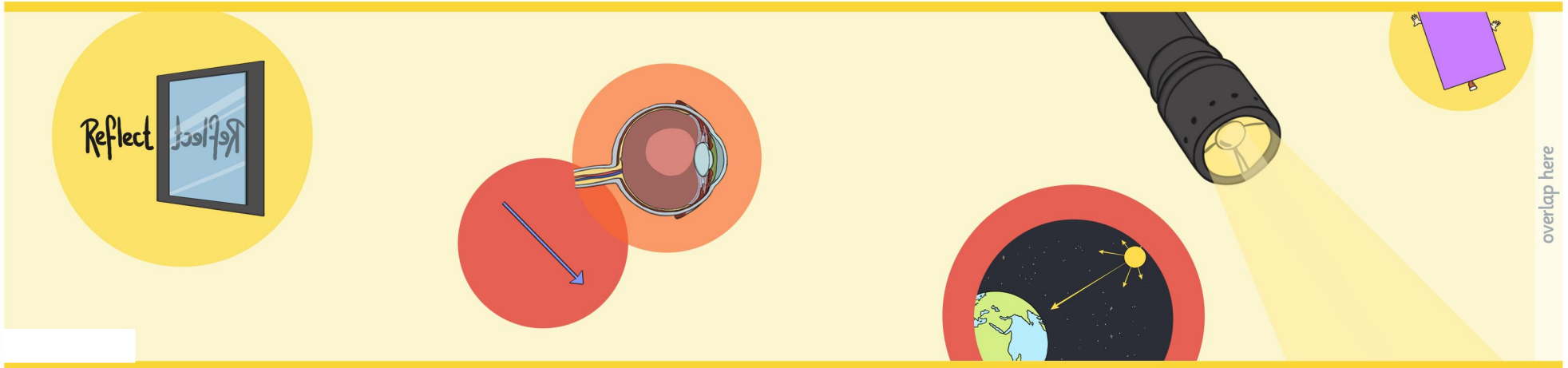


at

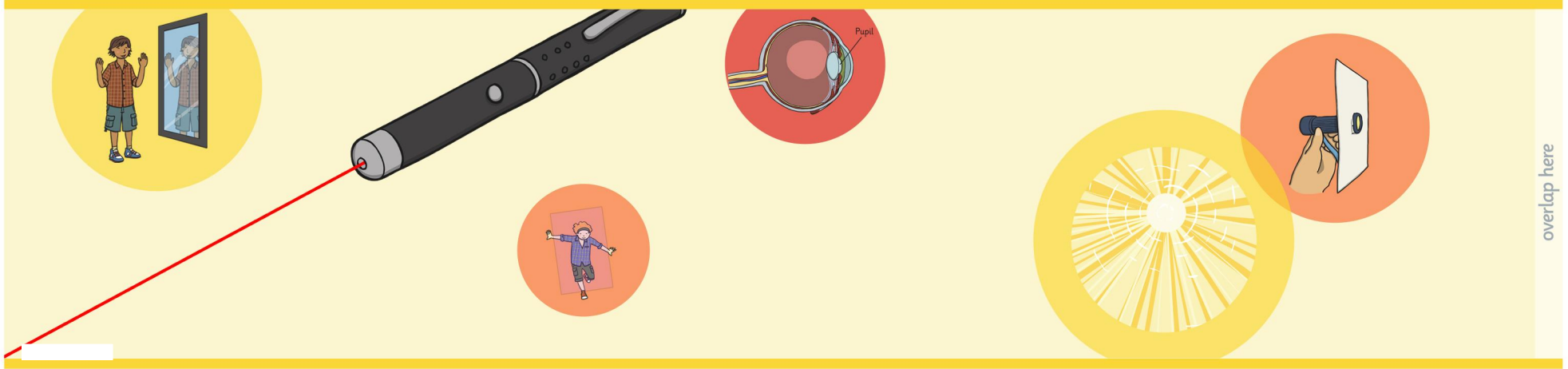




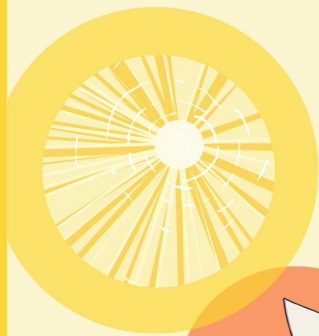
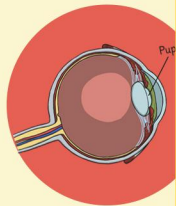
overlap here



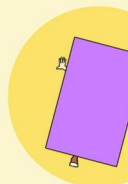
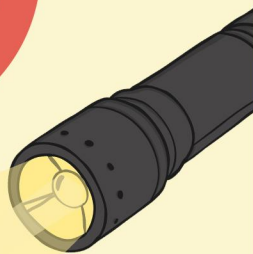
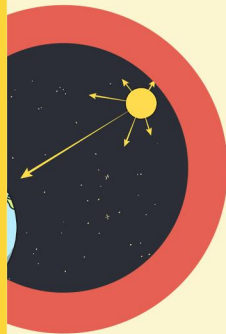
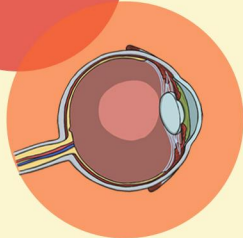
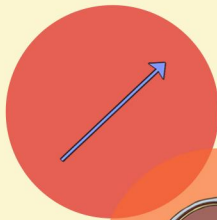
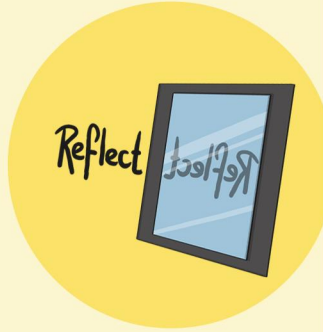
overlap here



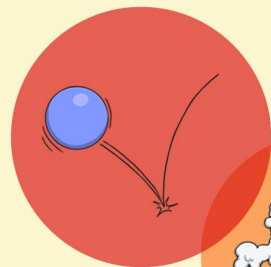
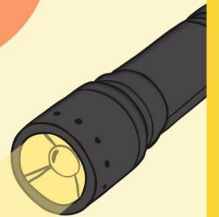
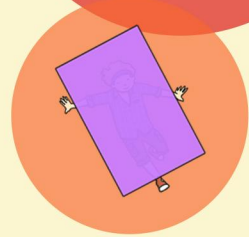
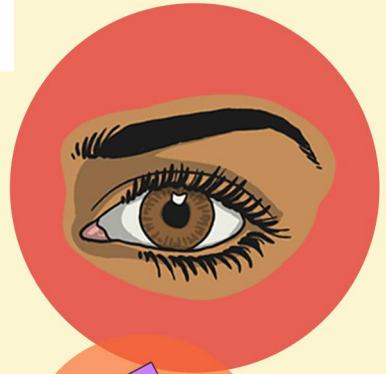
overlap here



overlap here

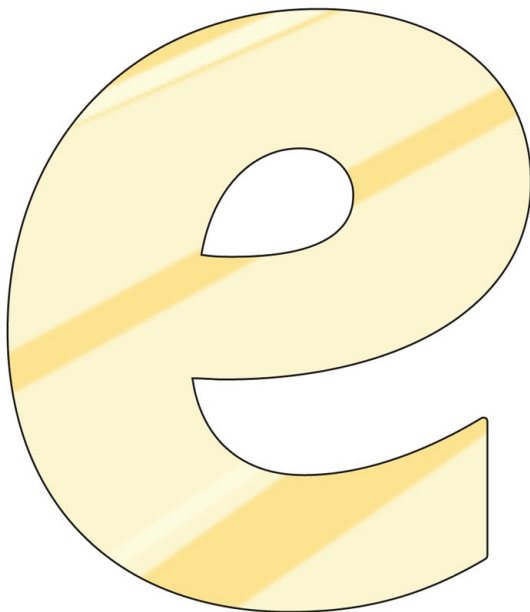
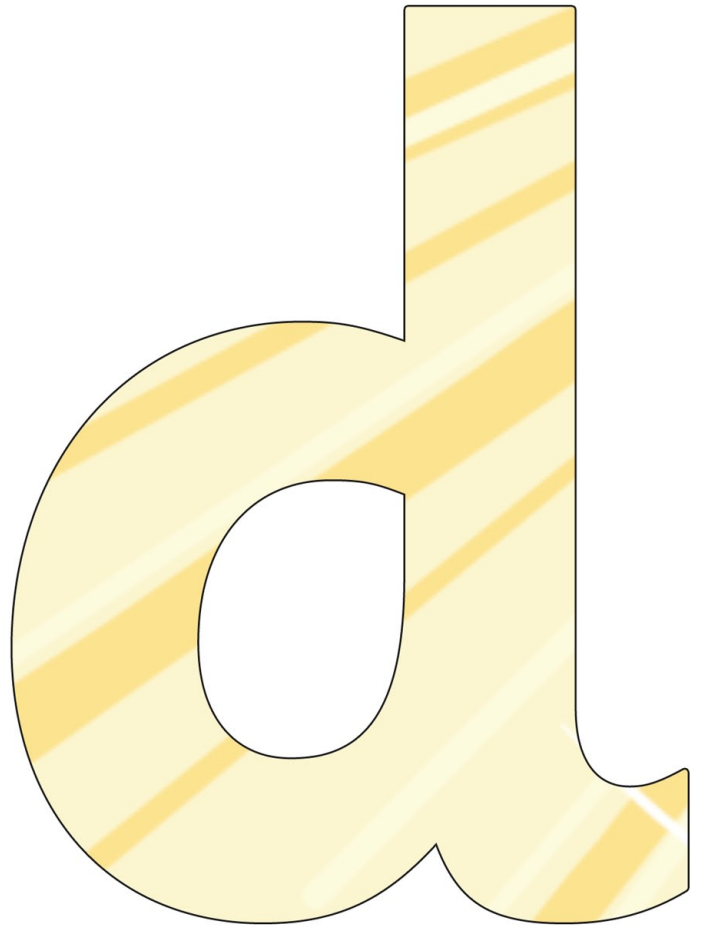
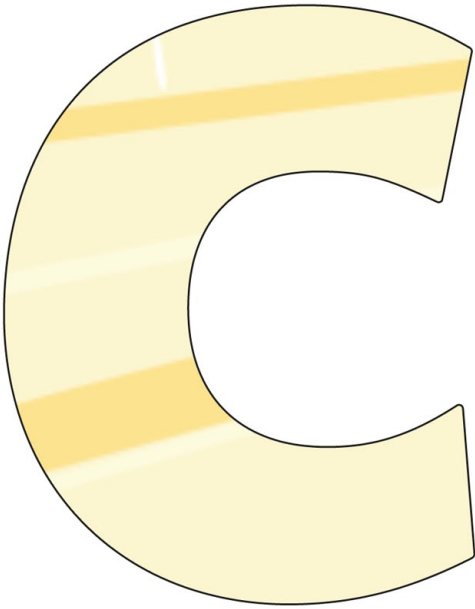
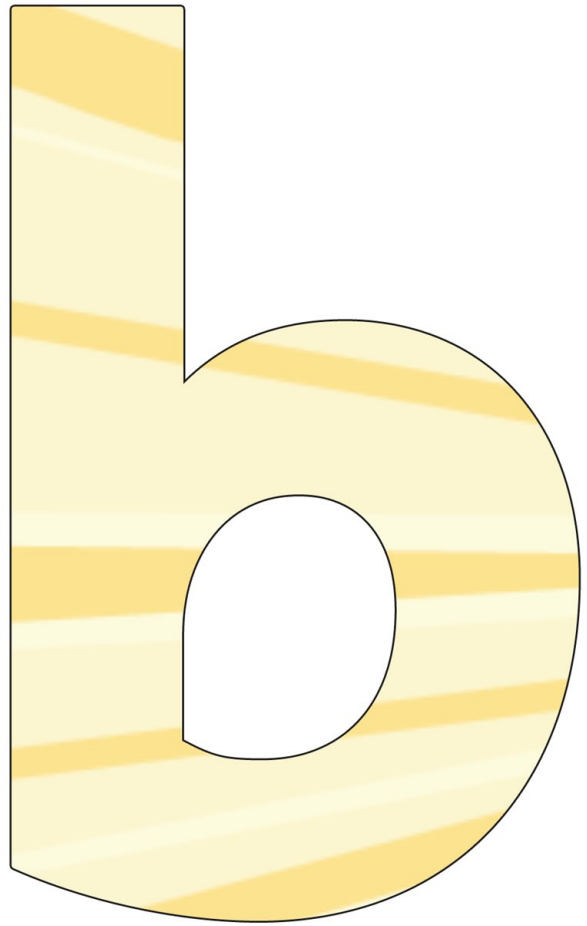
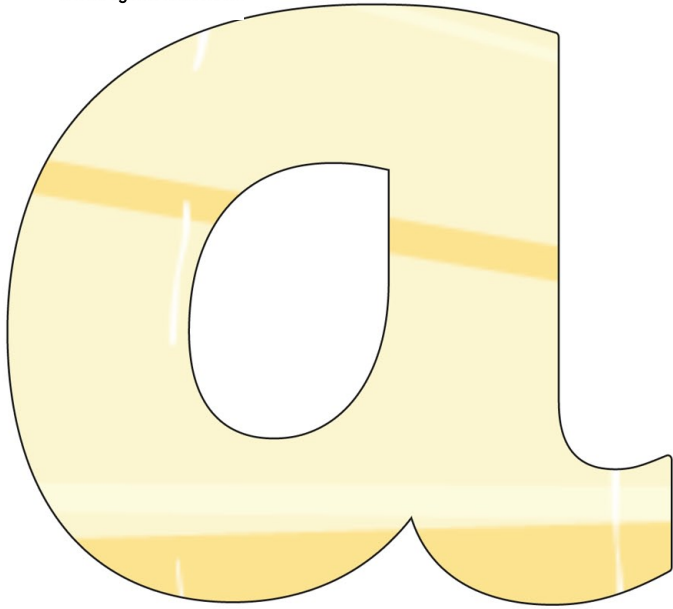


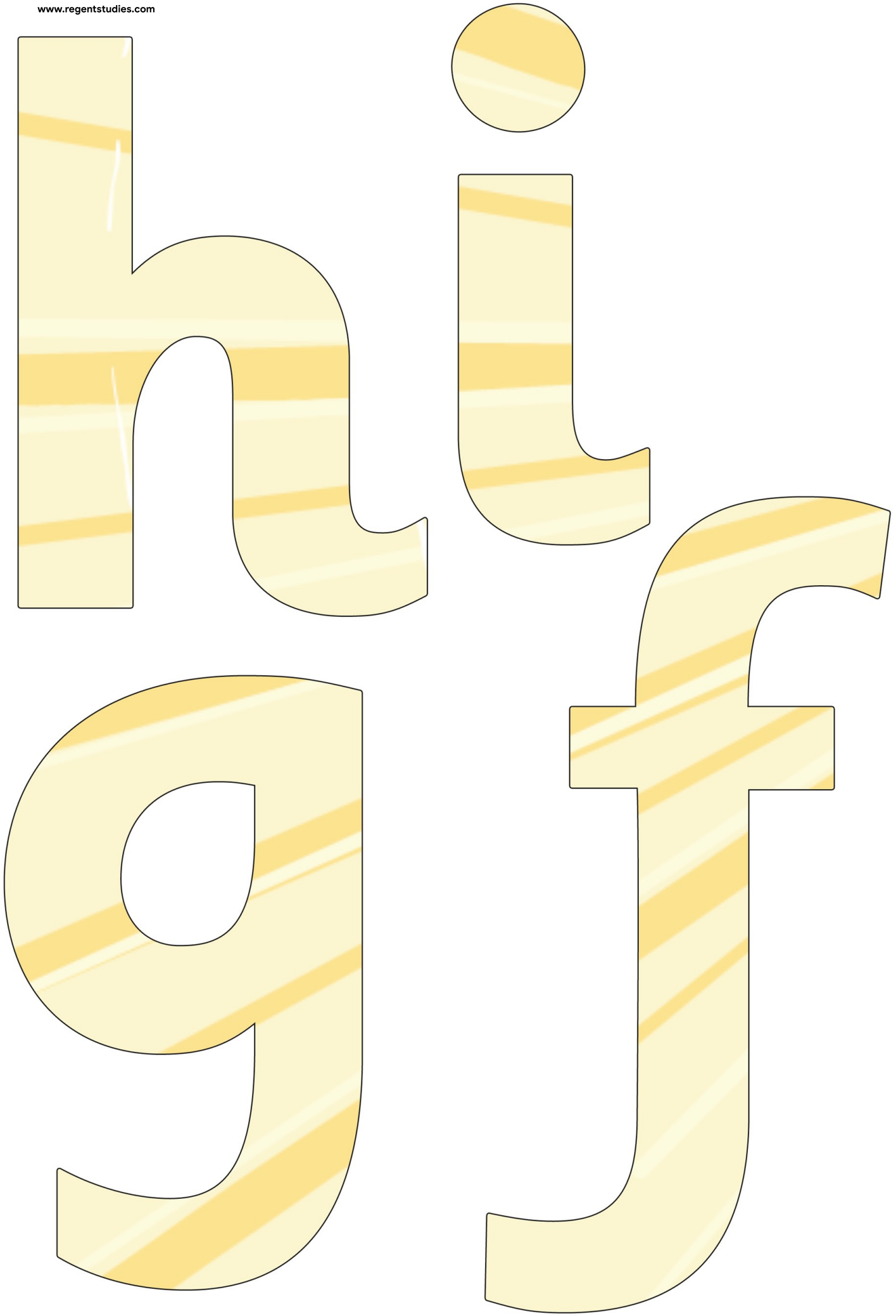
overlap here

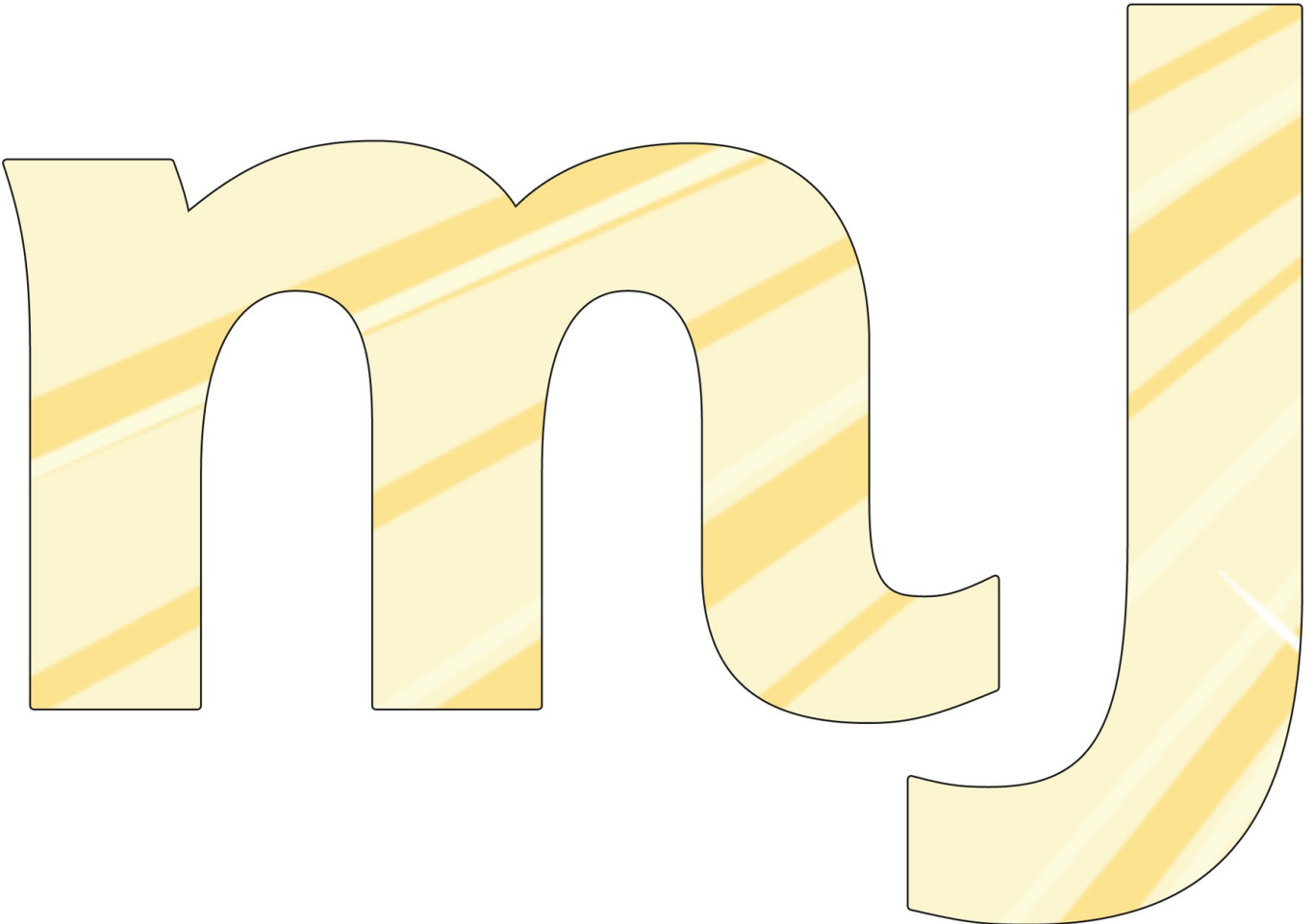


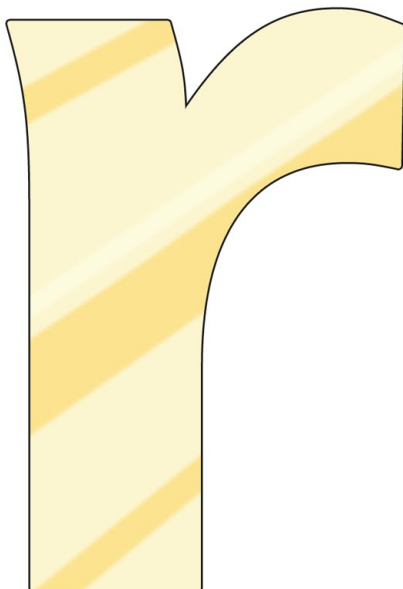
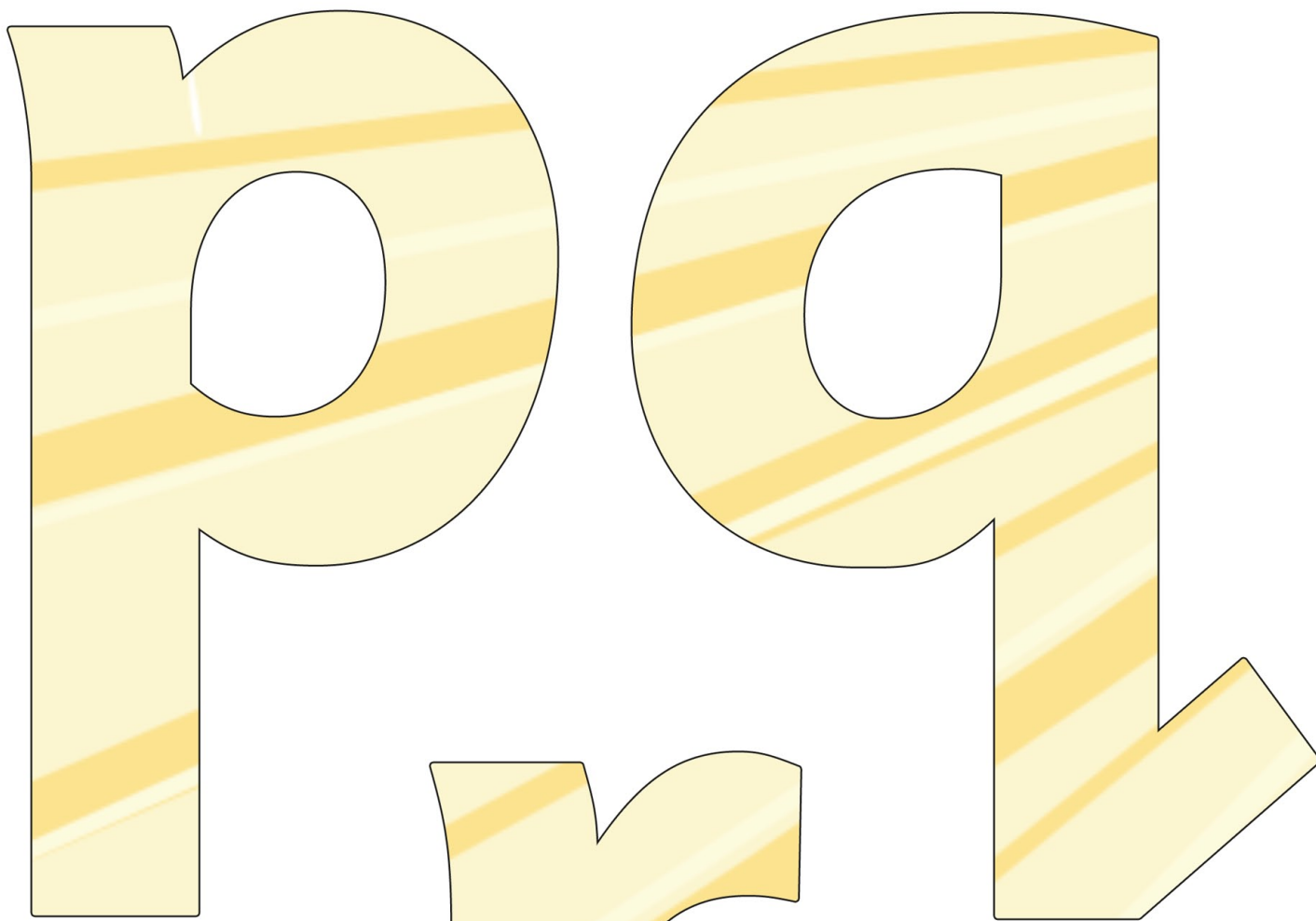
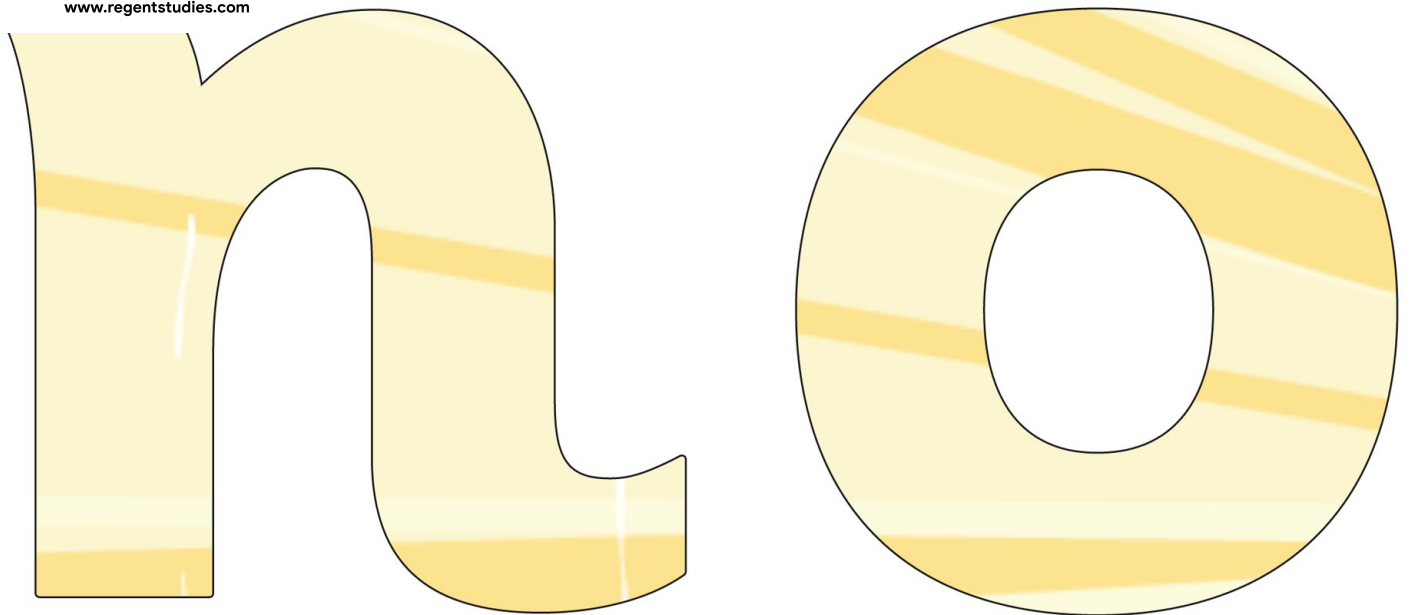
overlap here



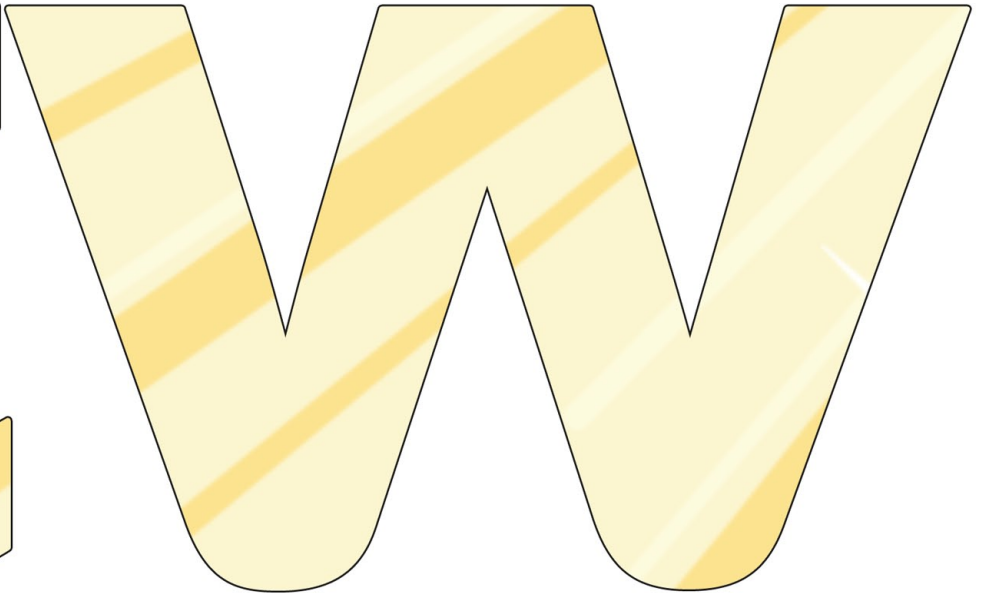
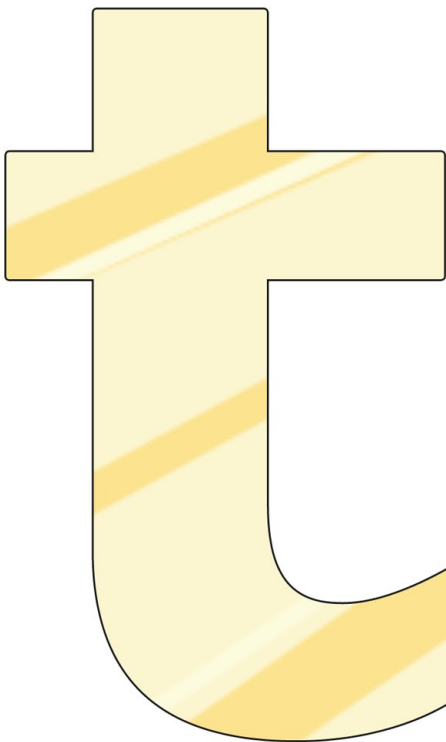
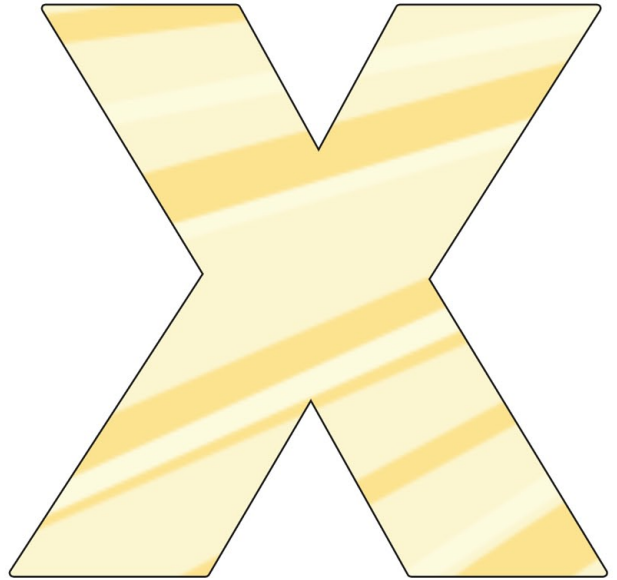
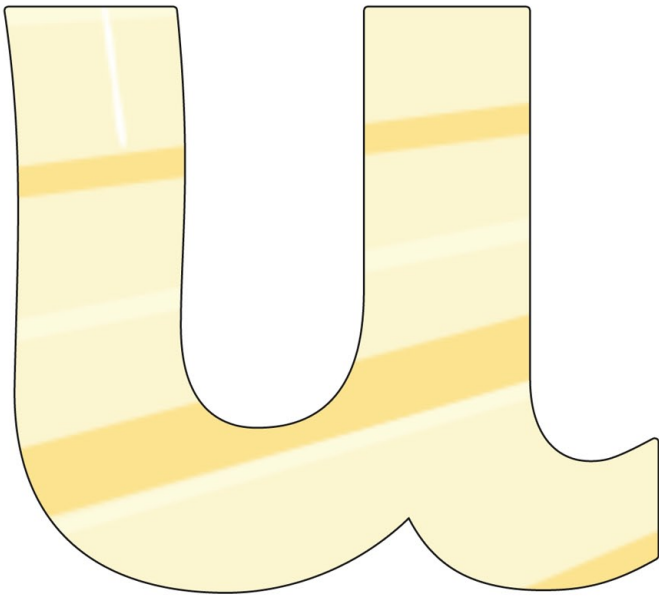
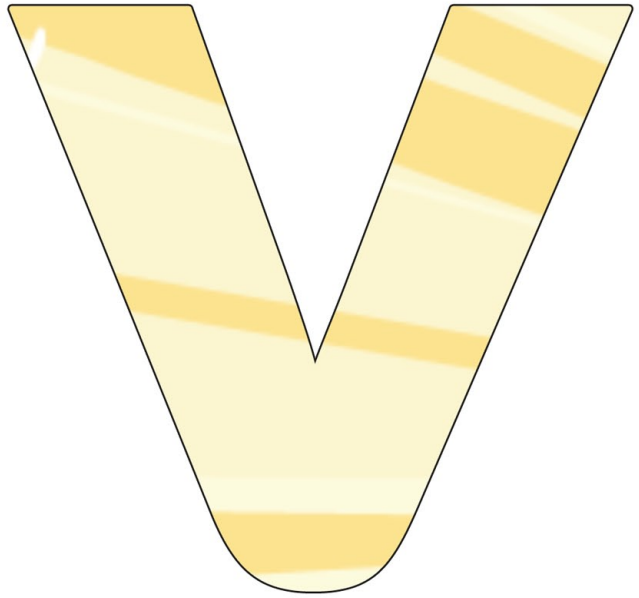
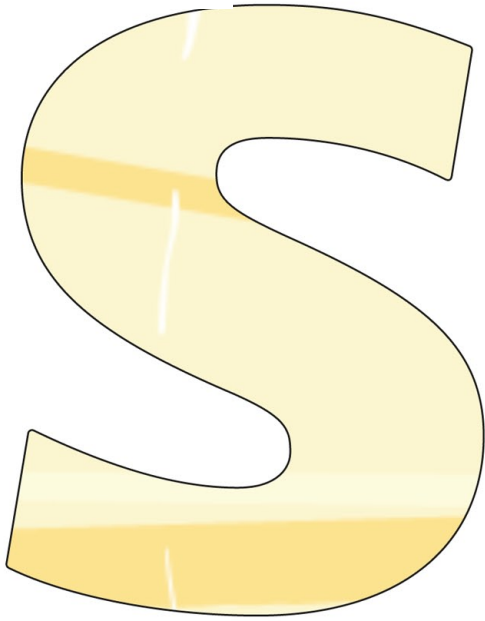


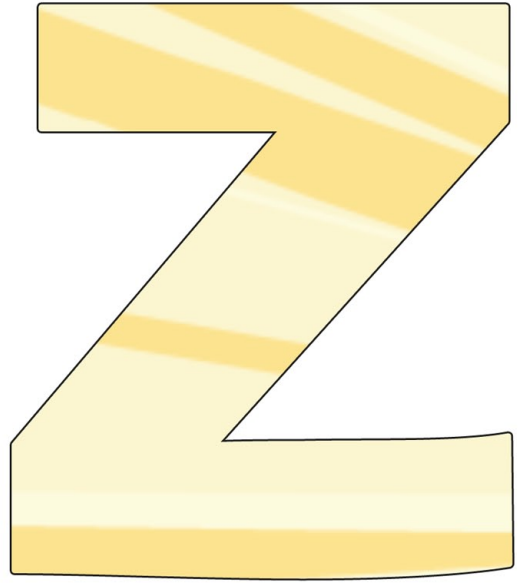
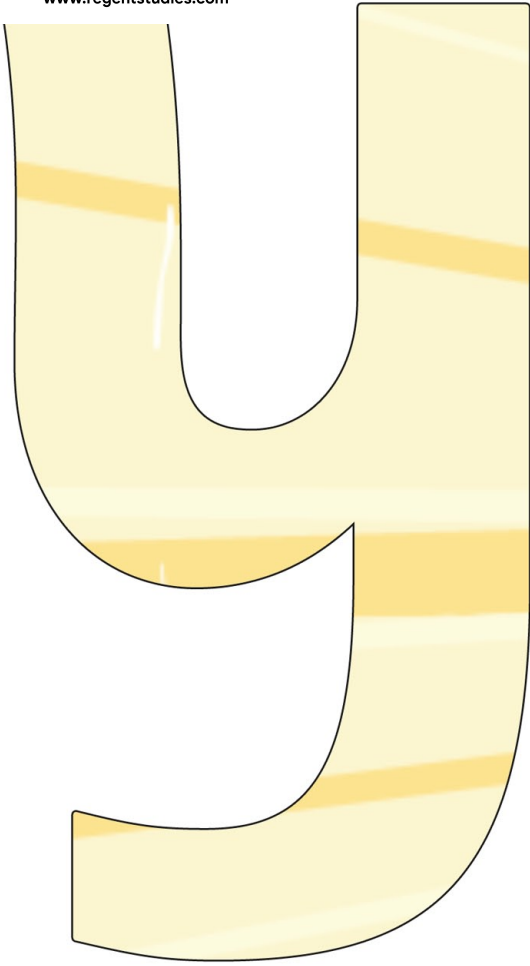


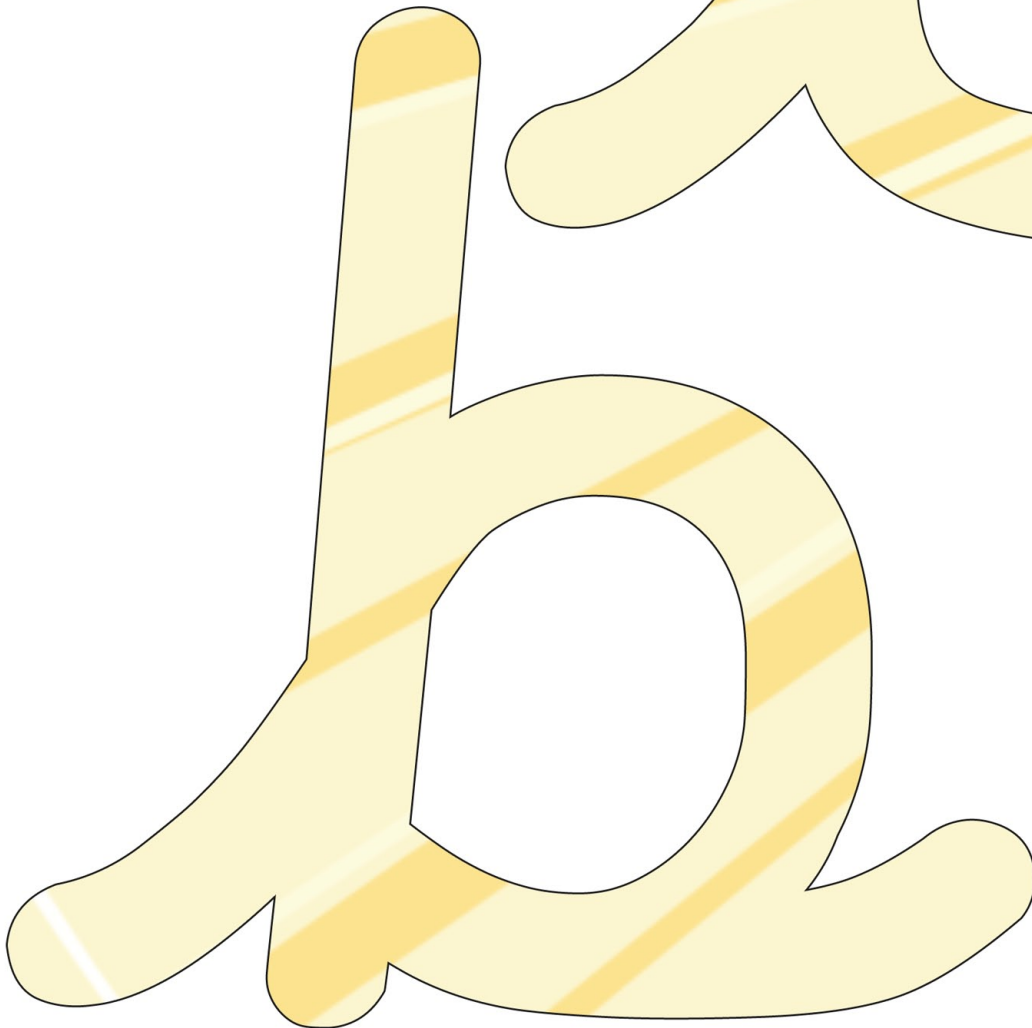
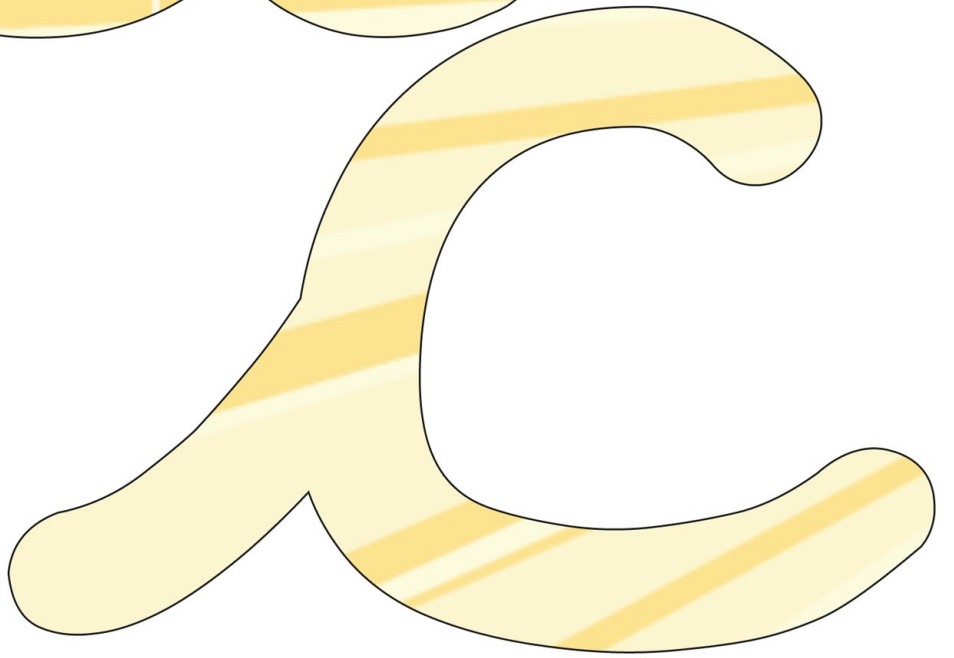
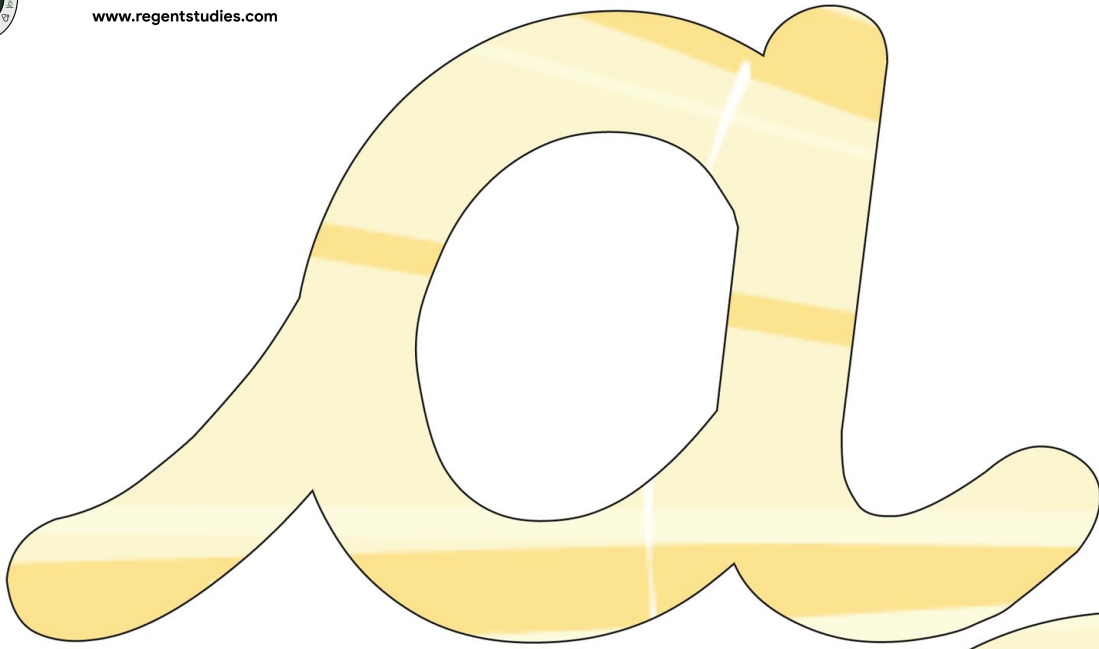


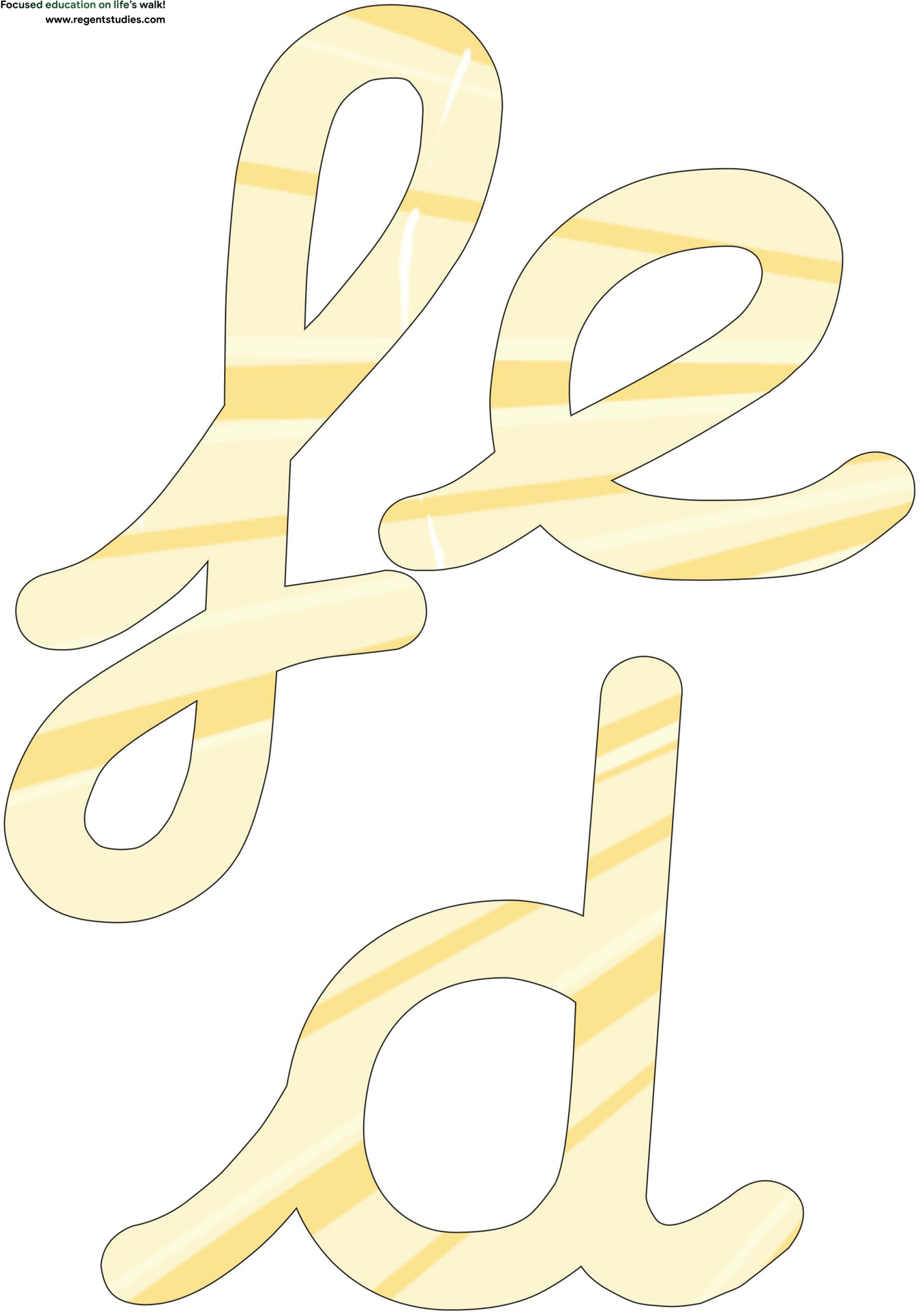






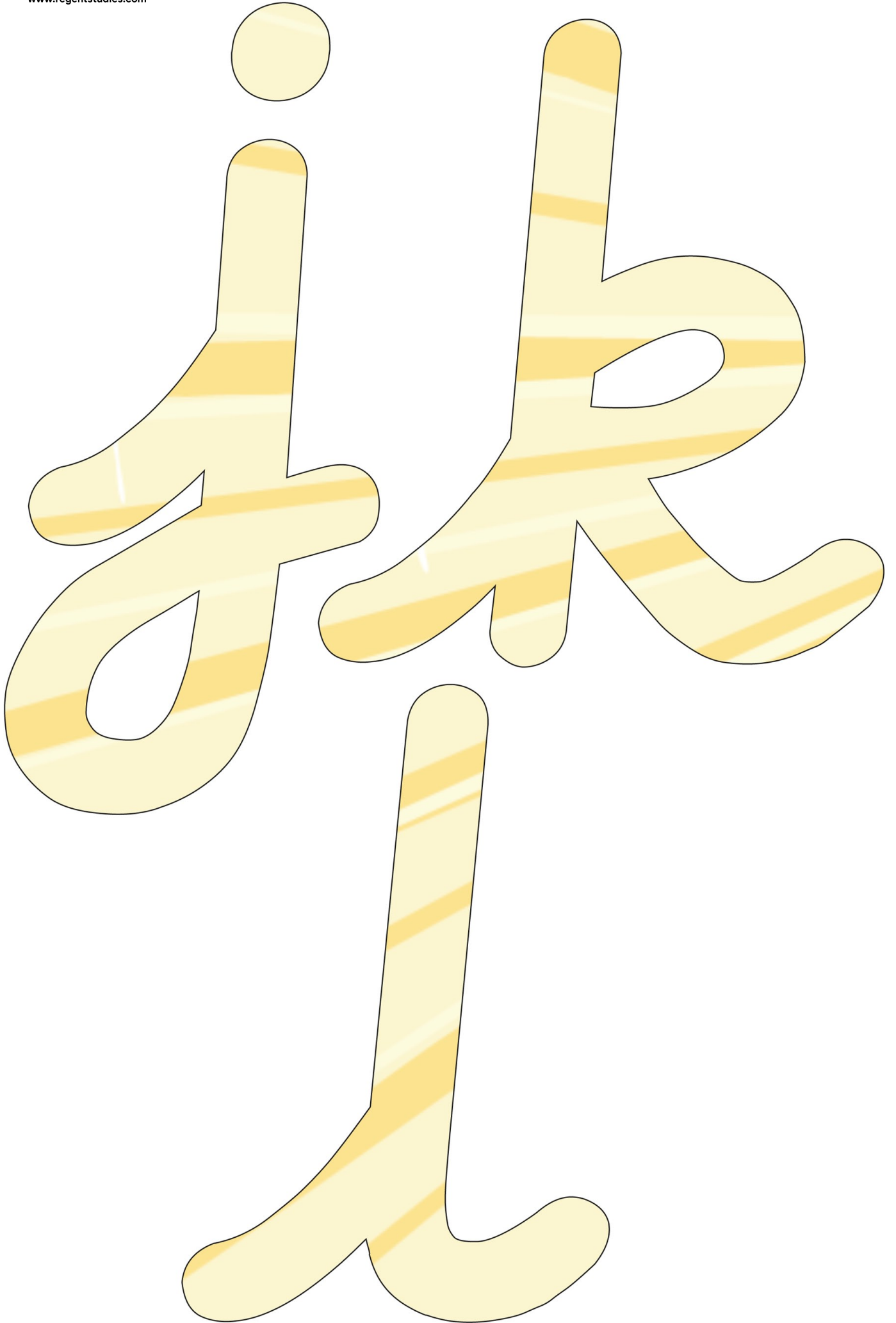


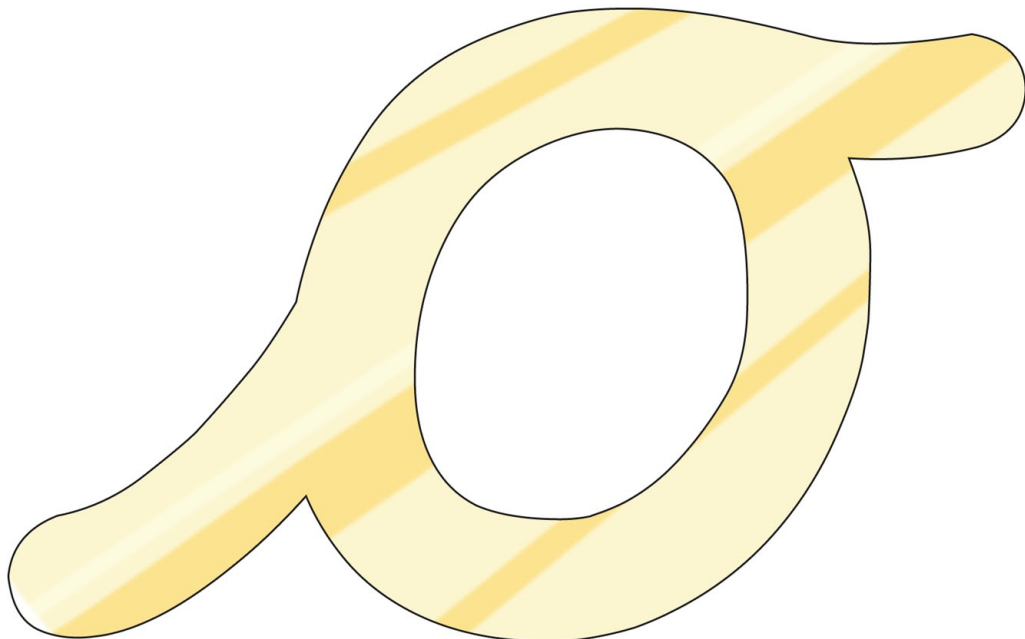
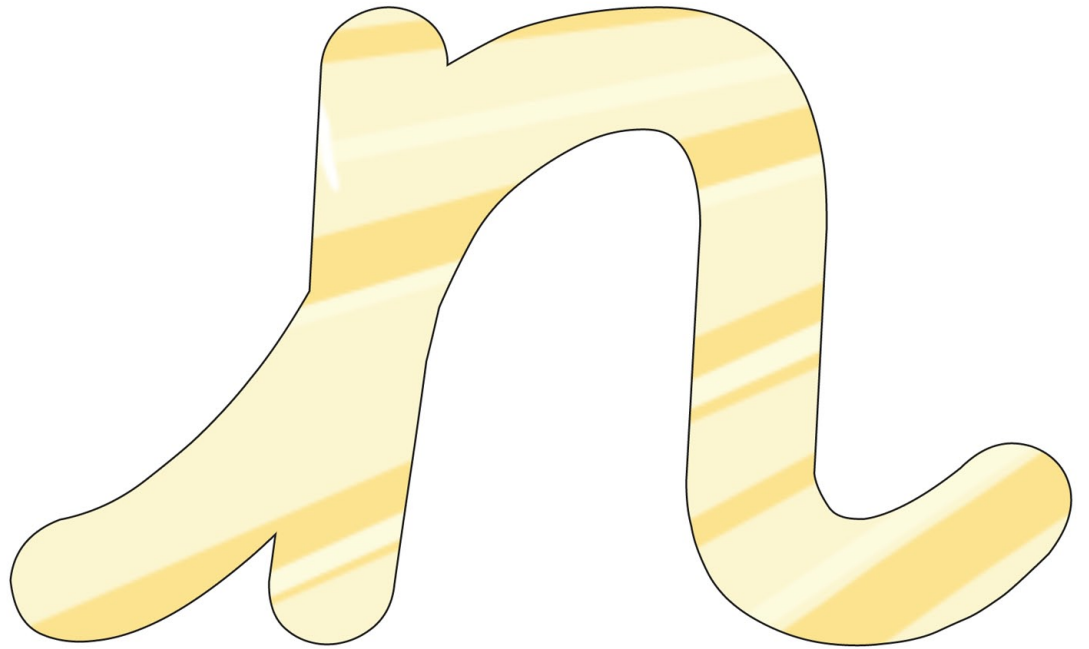
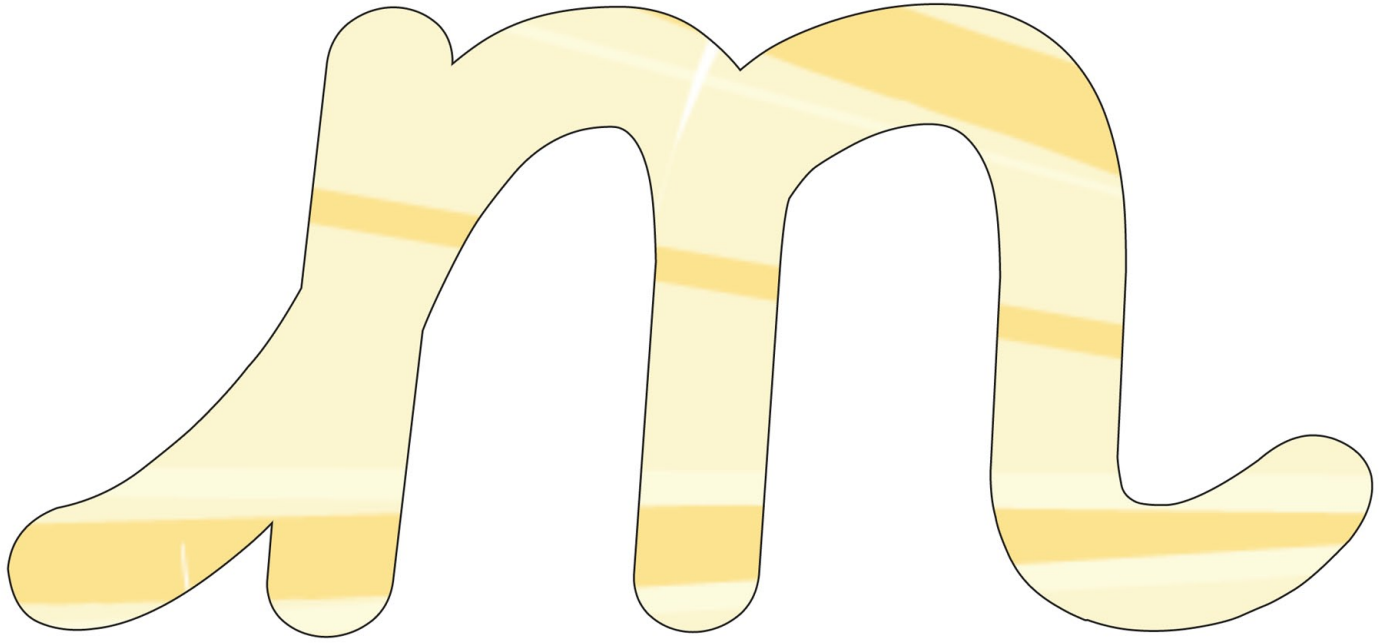






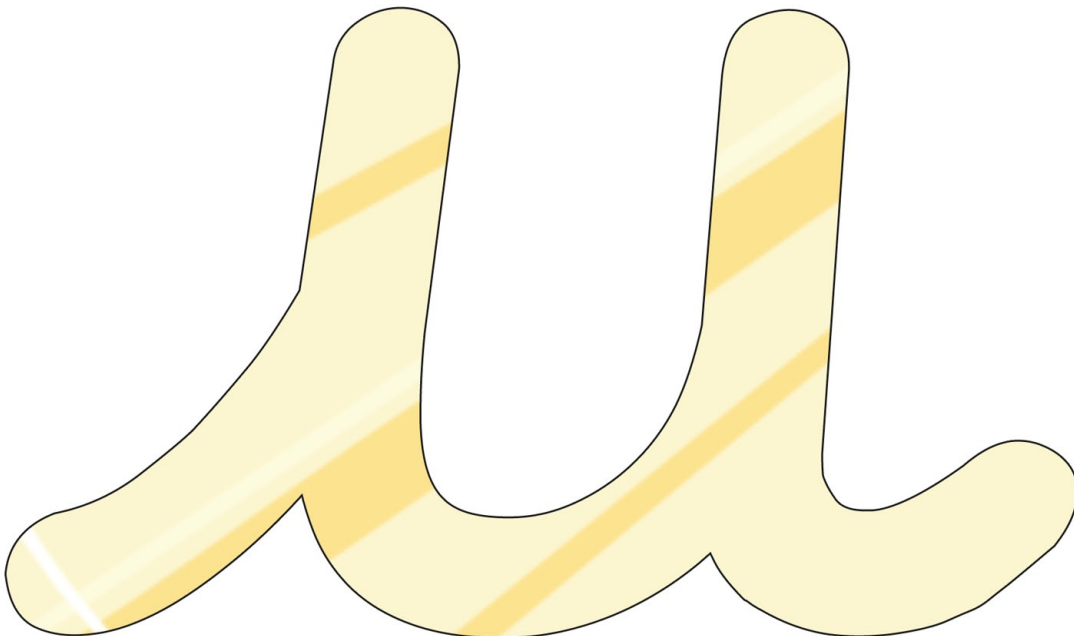
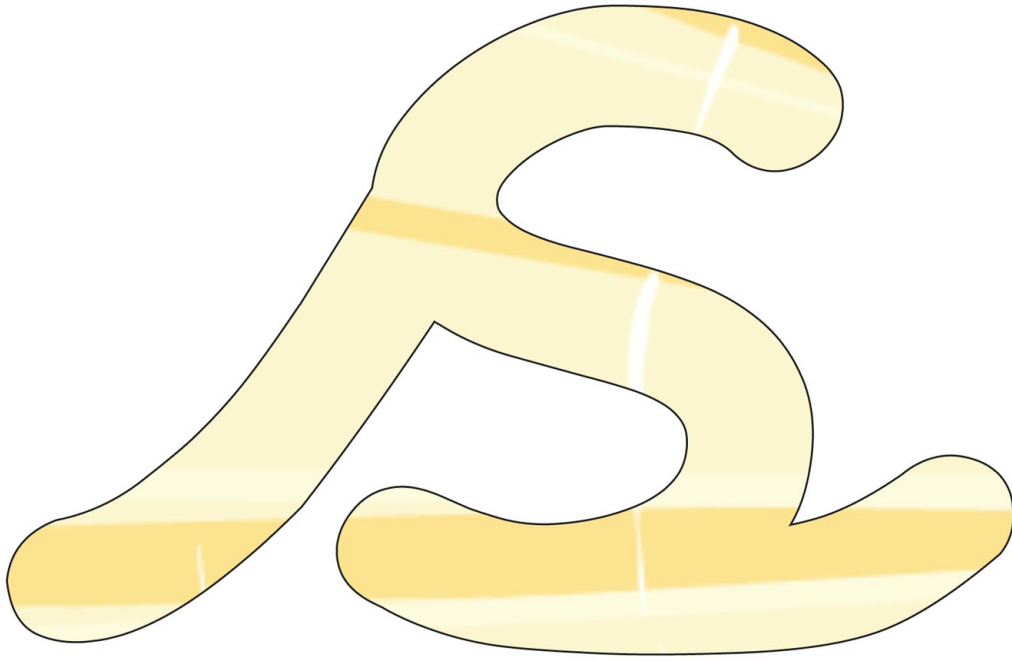


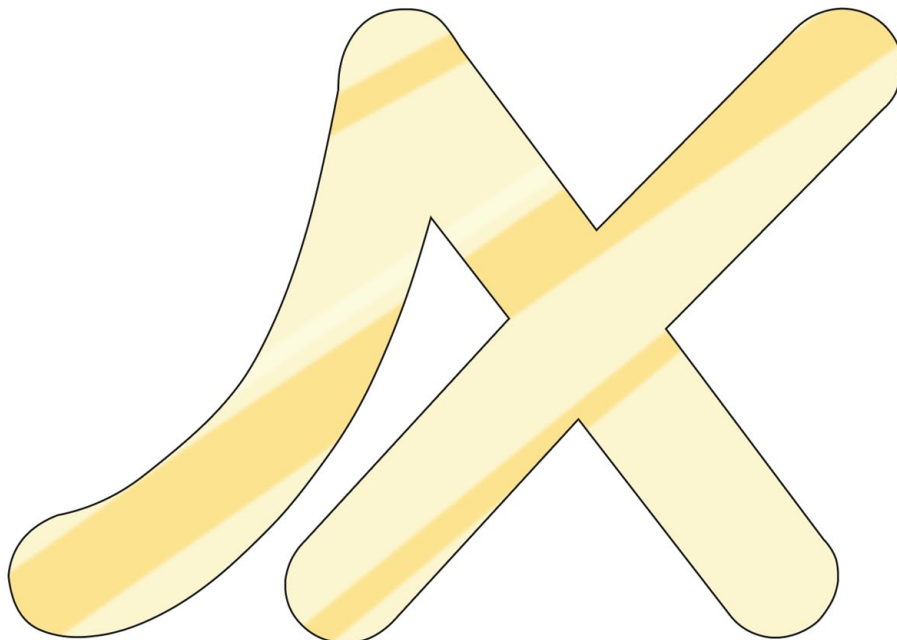
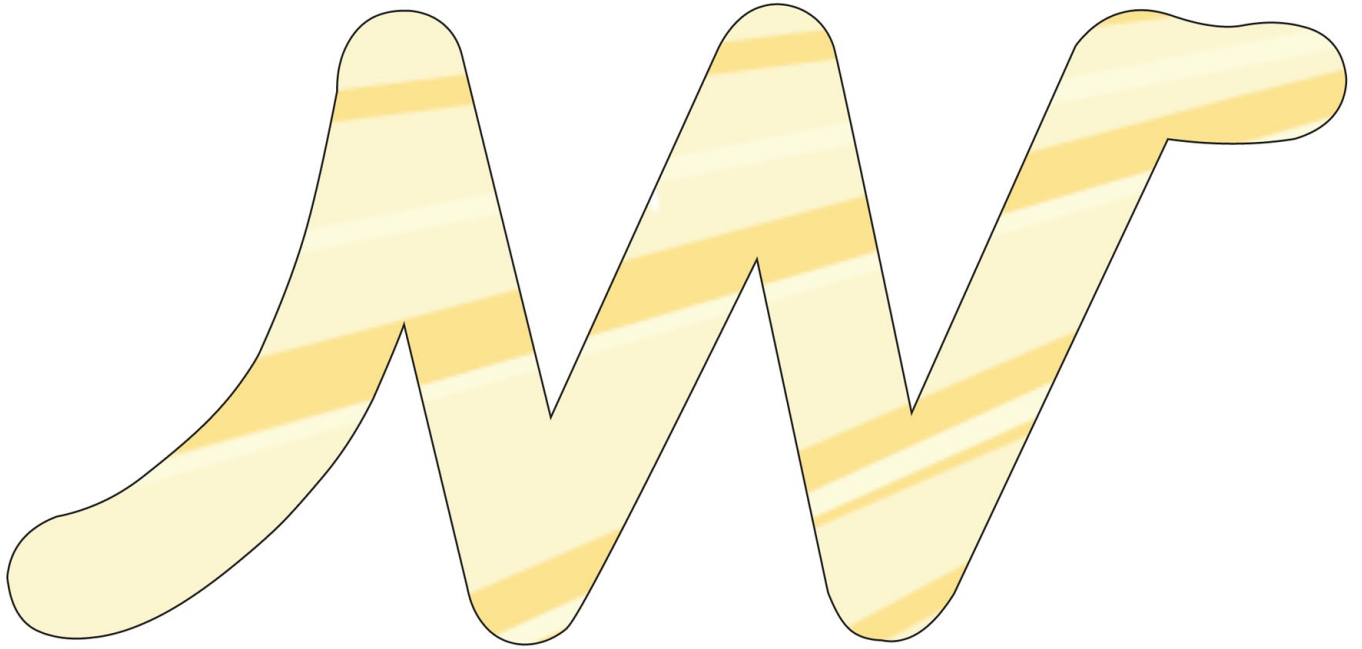
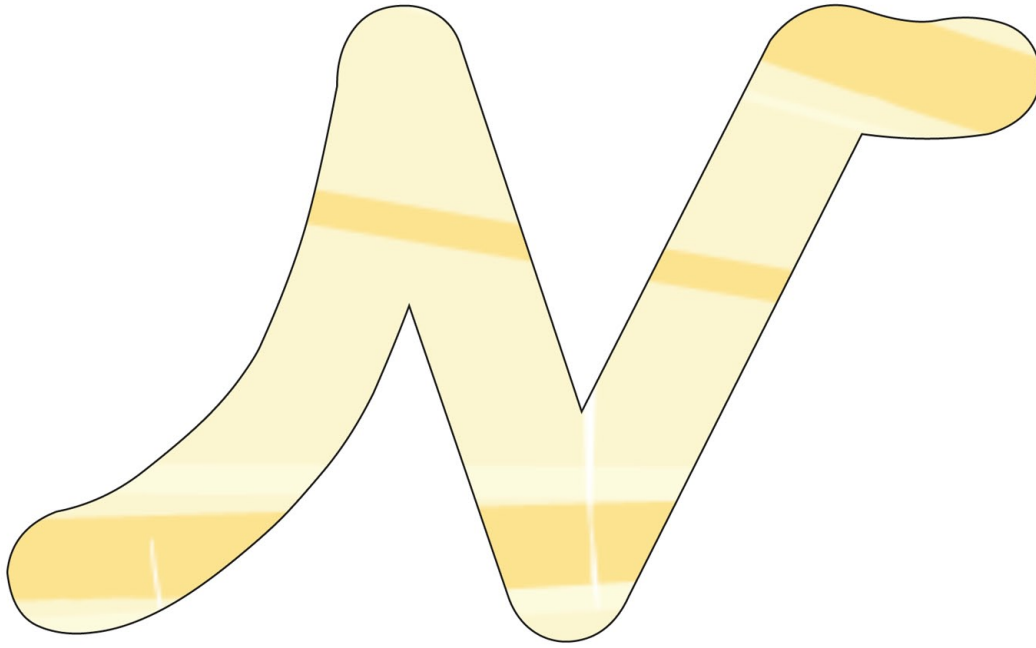


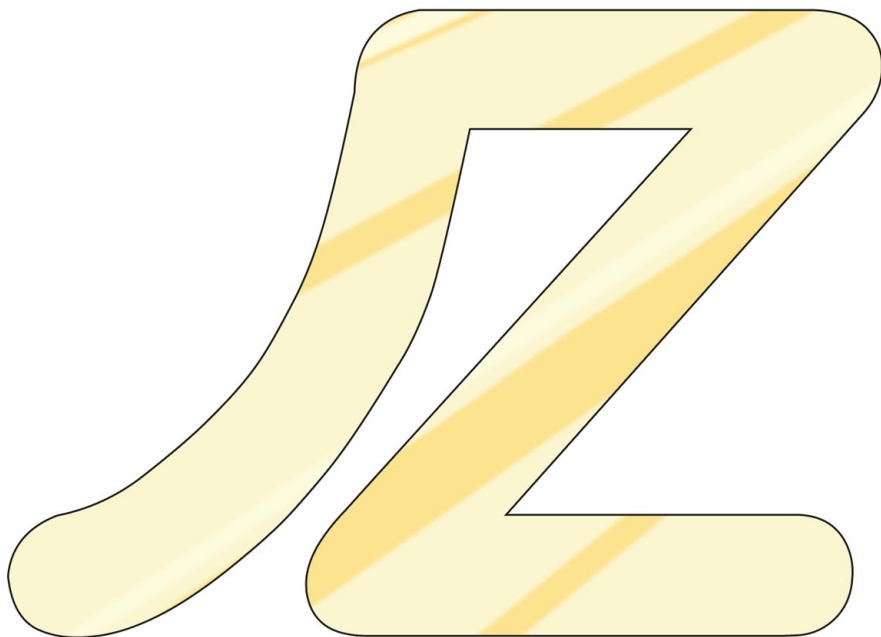
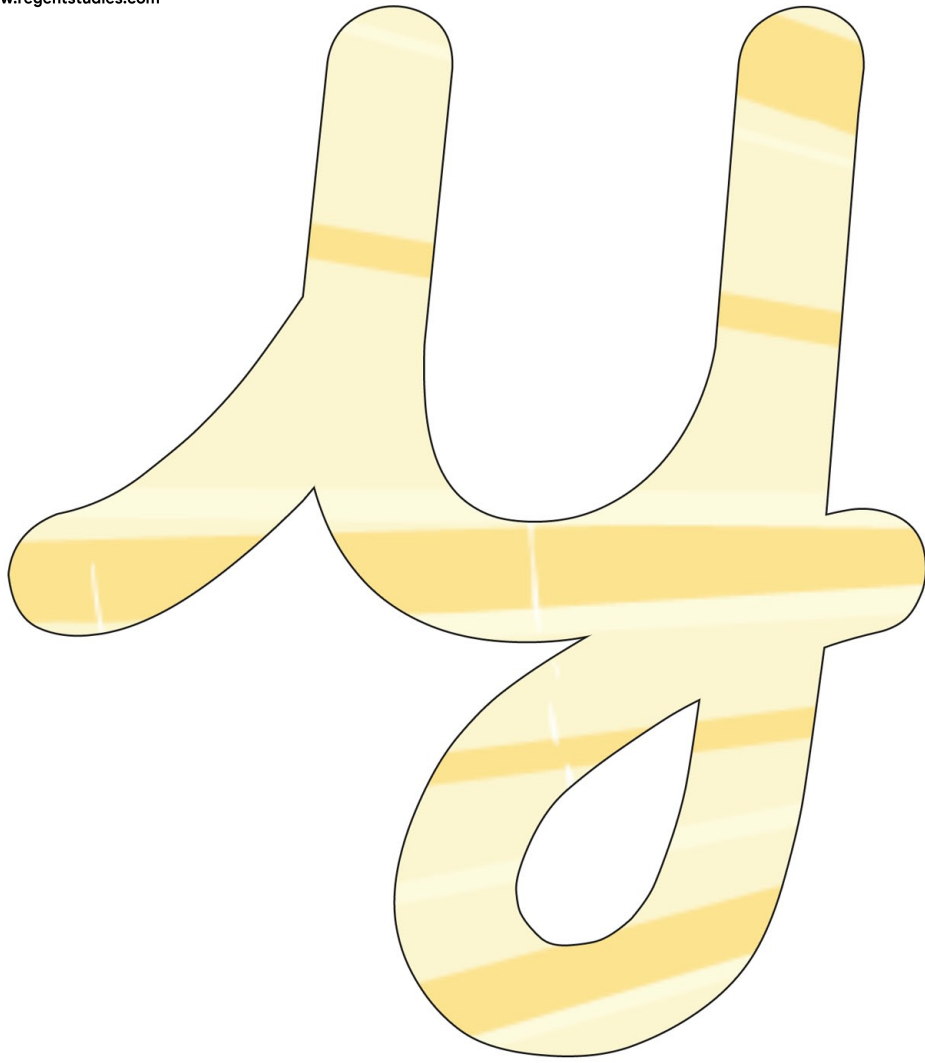


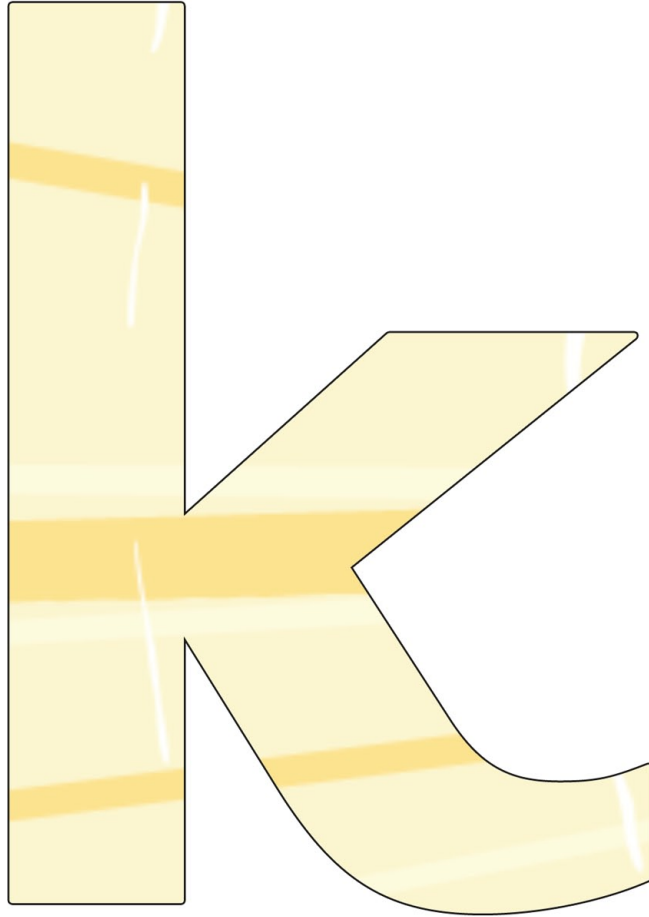




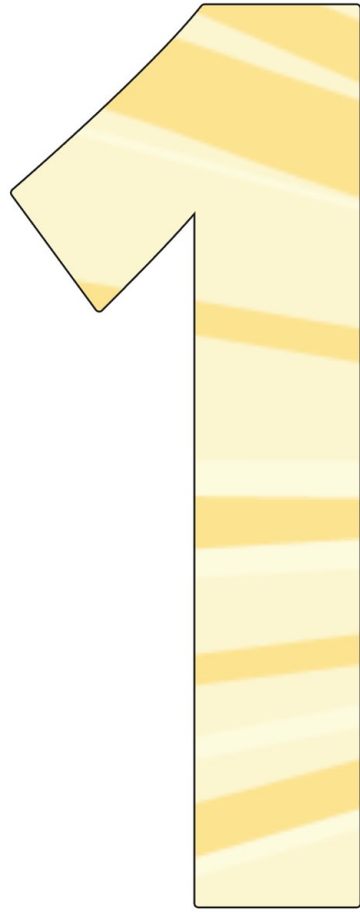
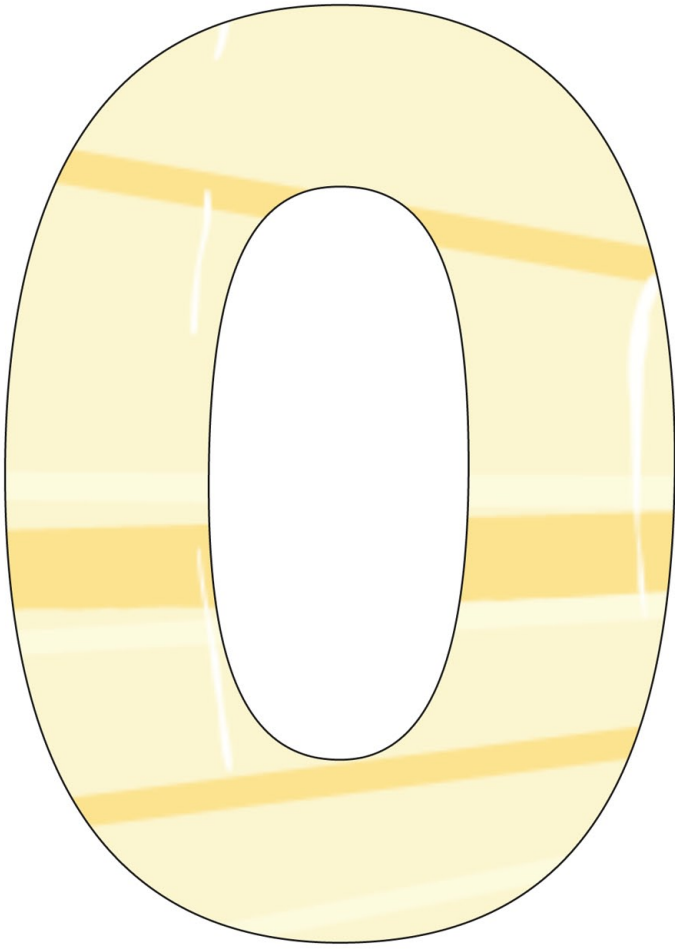


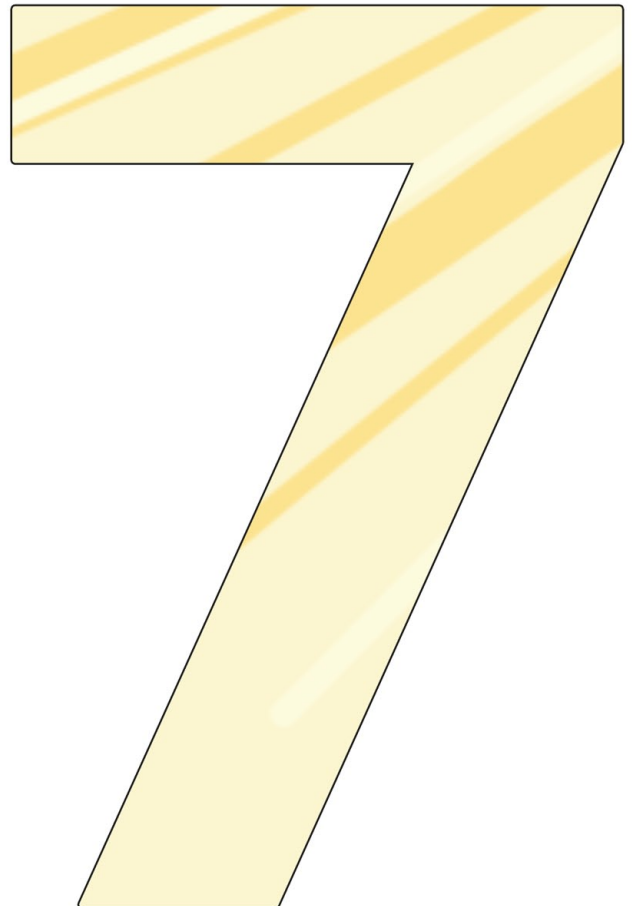
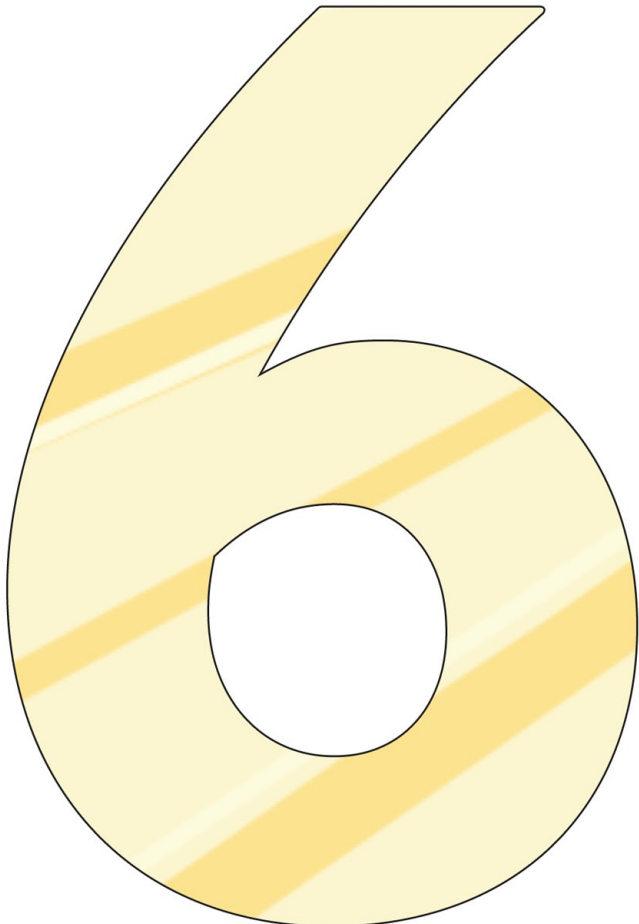
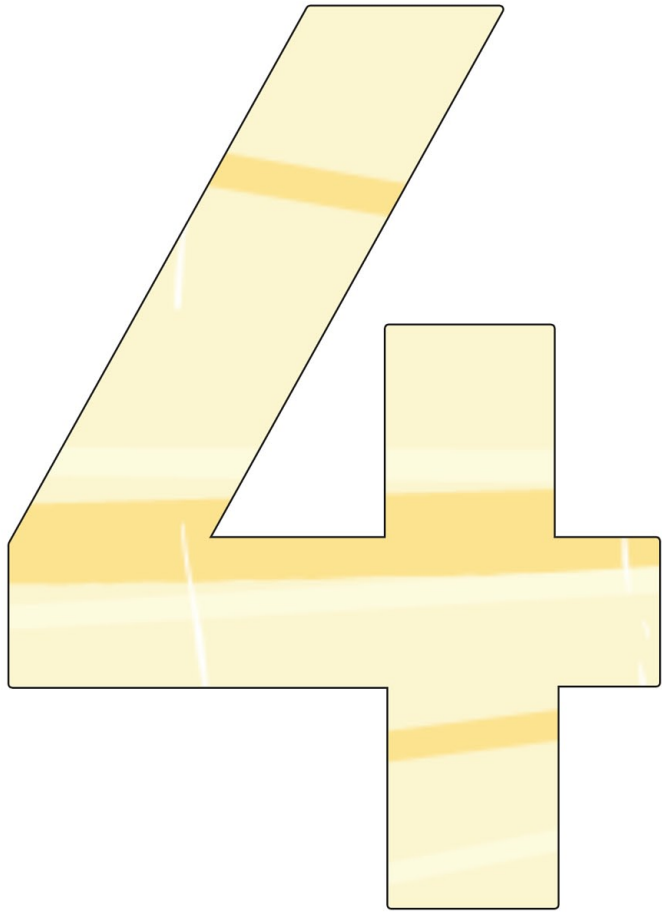


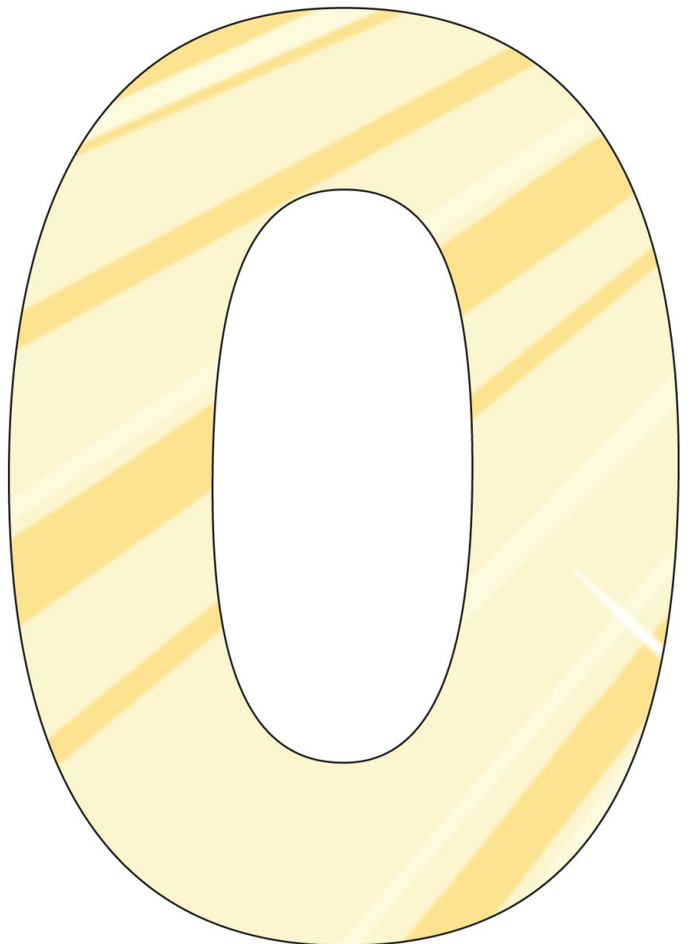
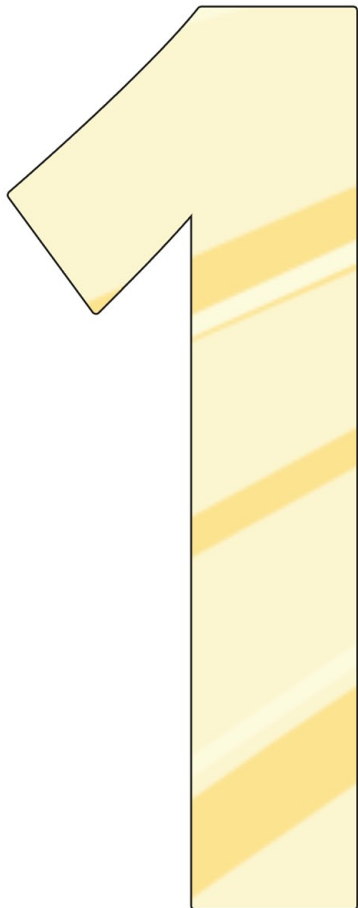
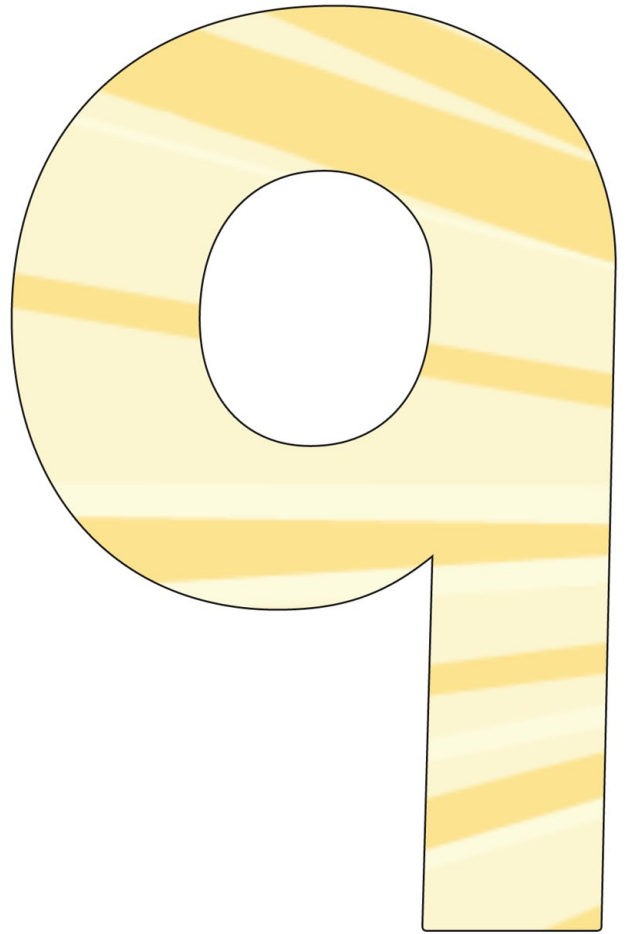
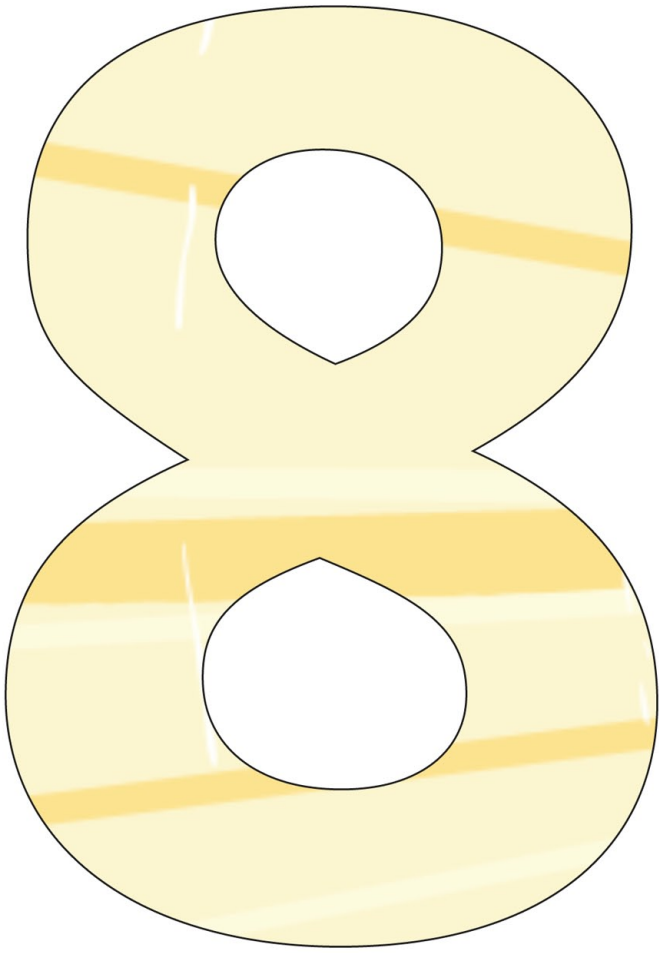


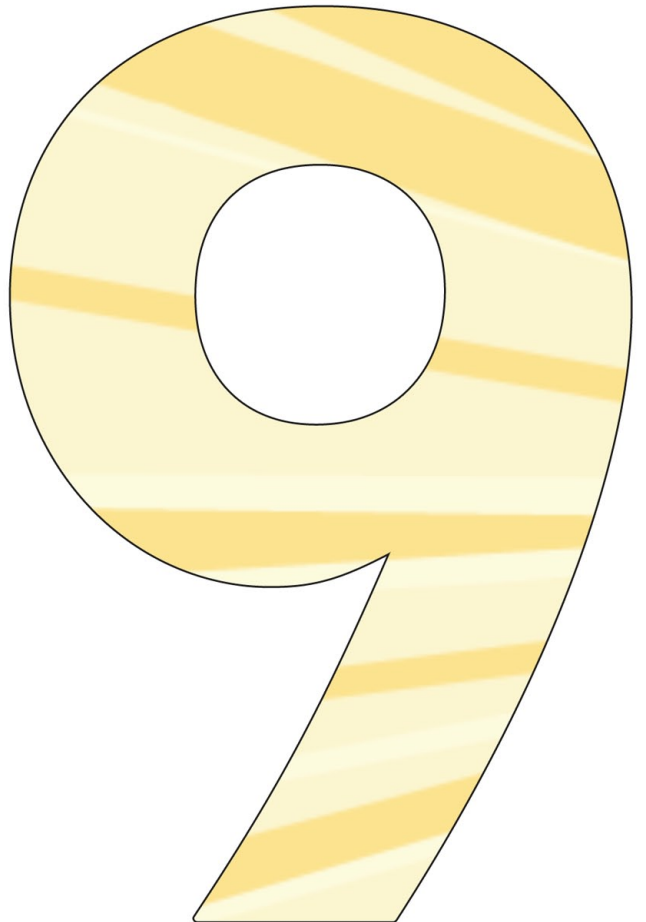
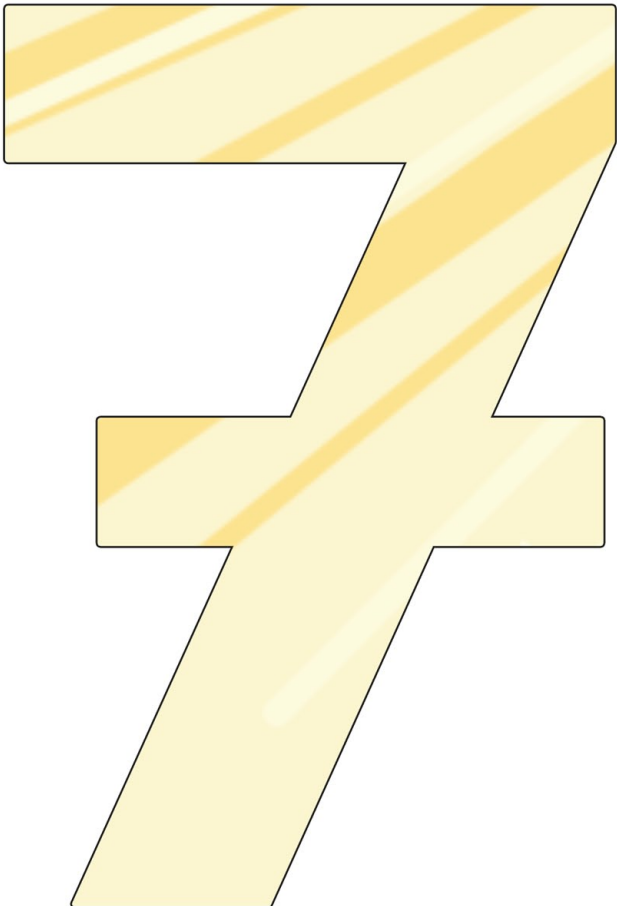
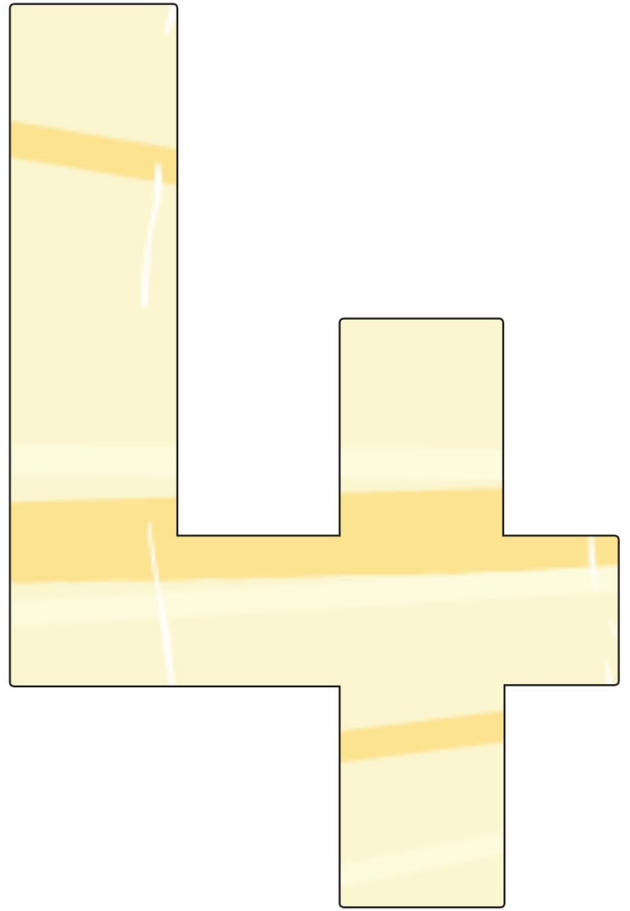
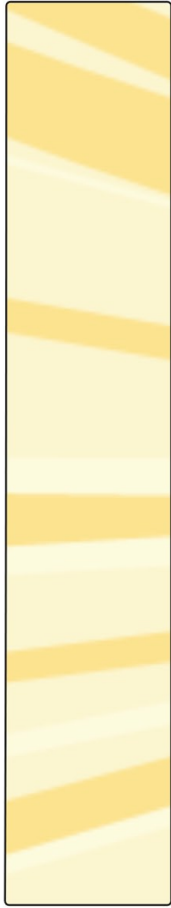




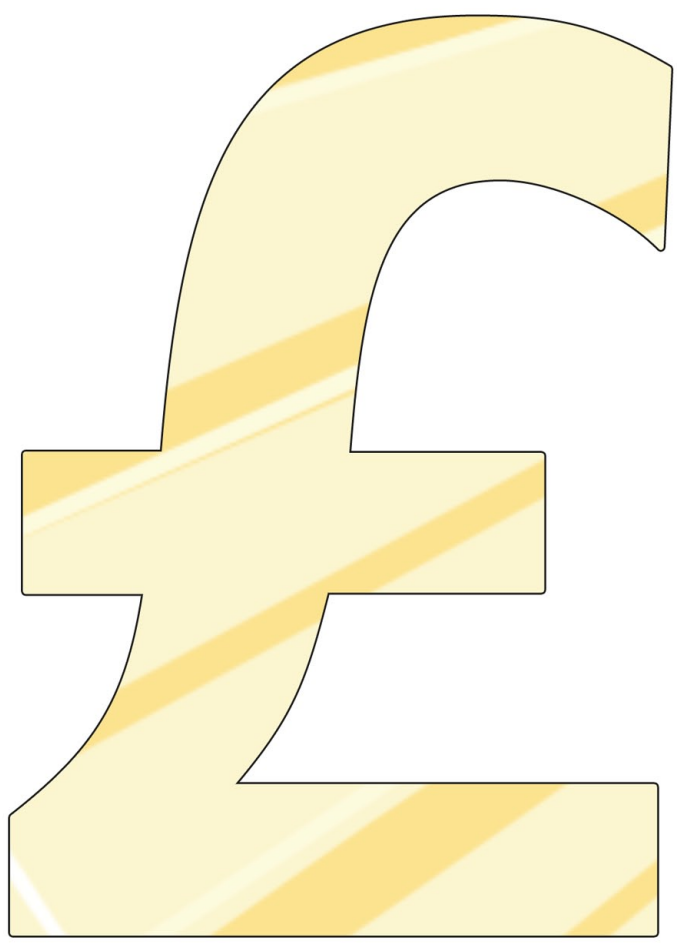
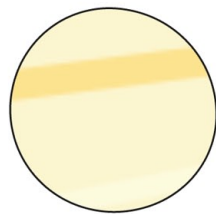
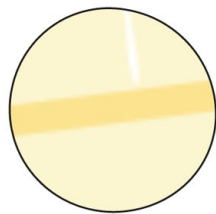
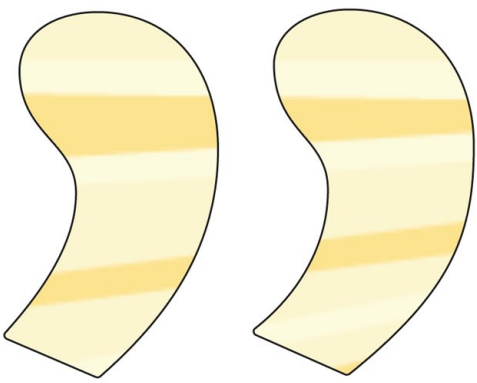
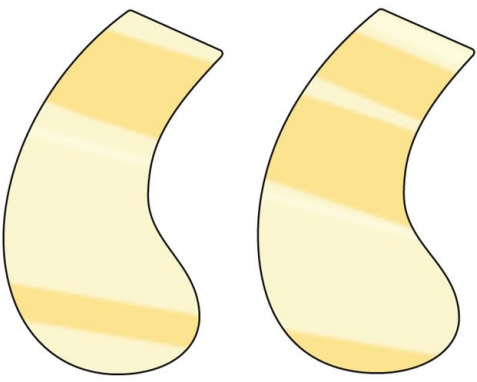
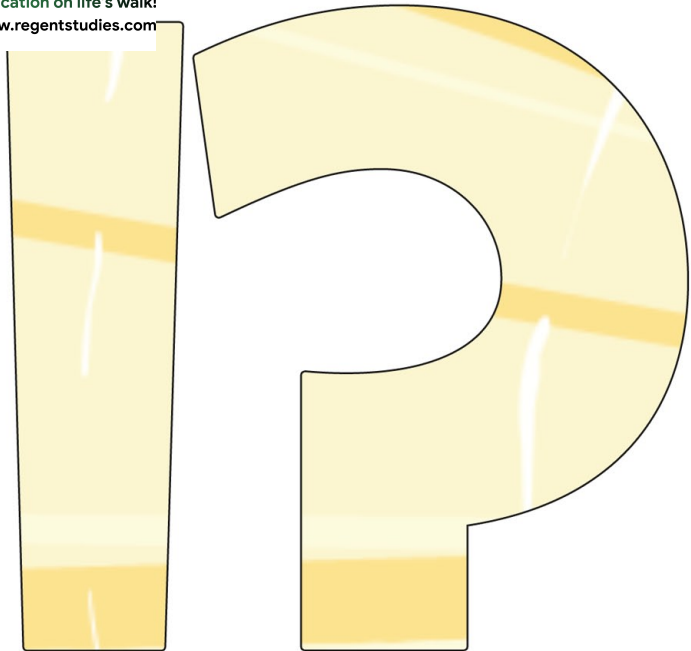


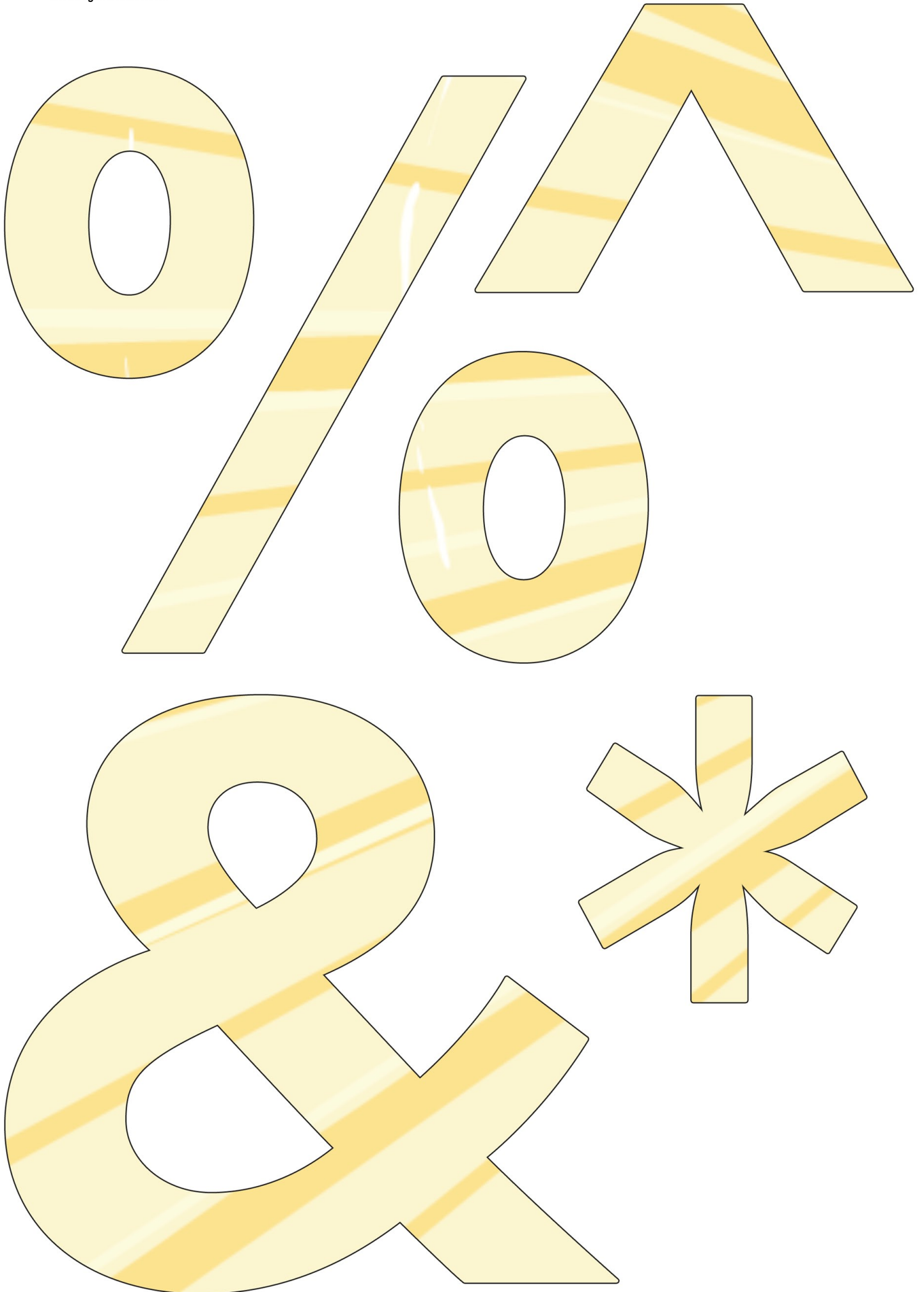


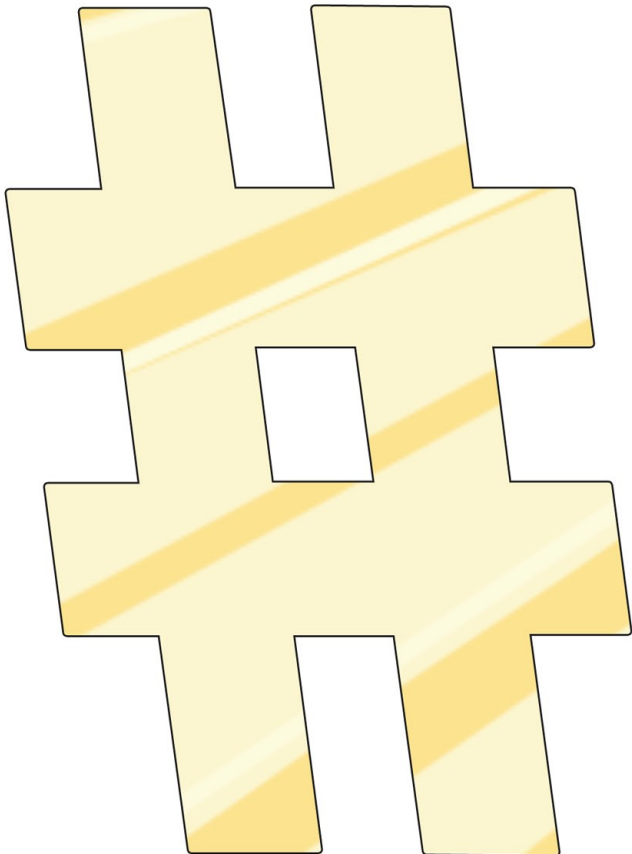
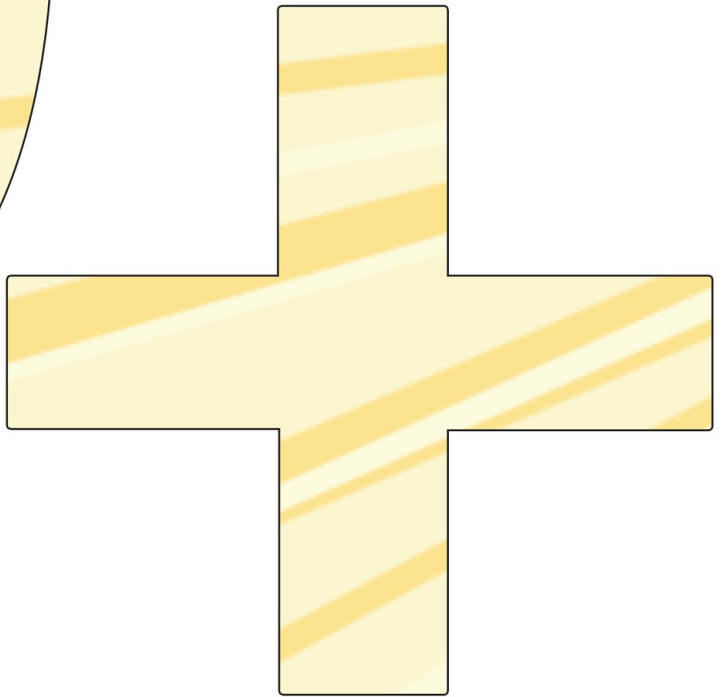
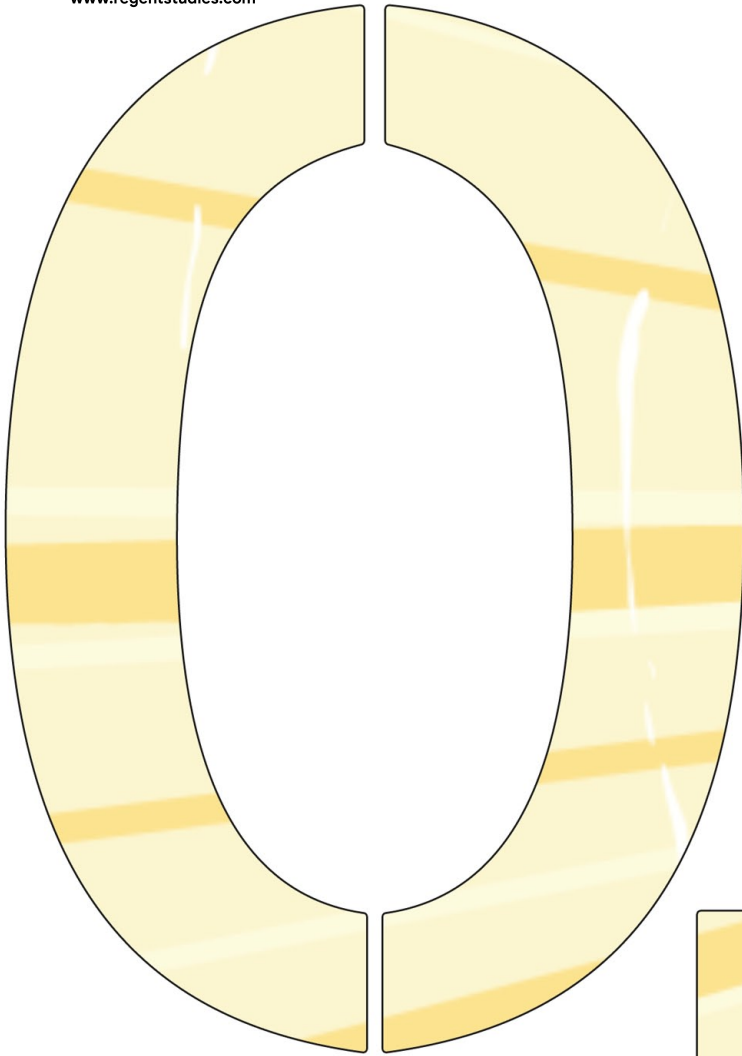


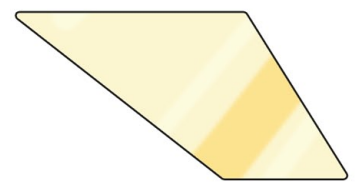
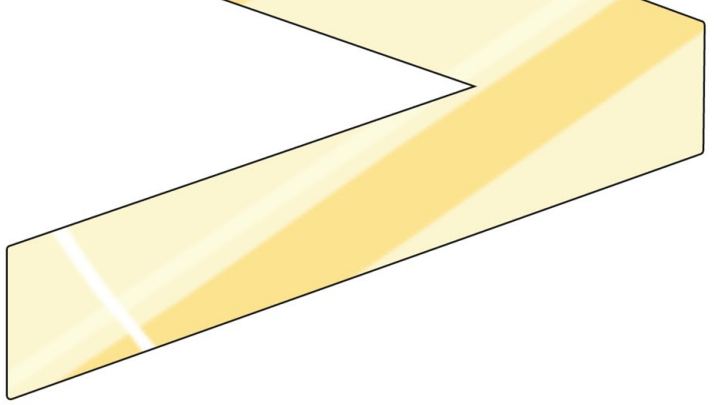
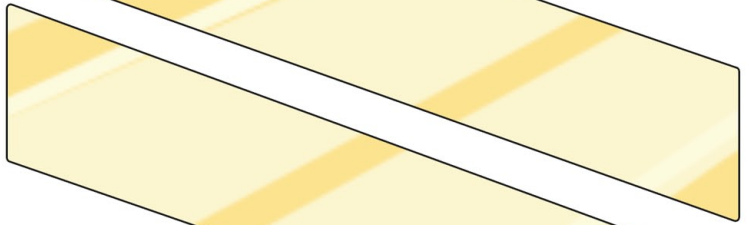
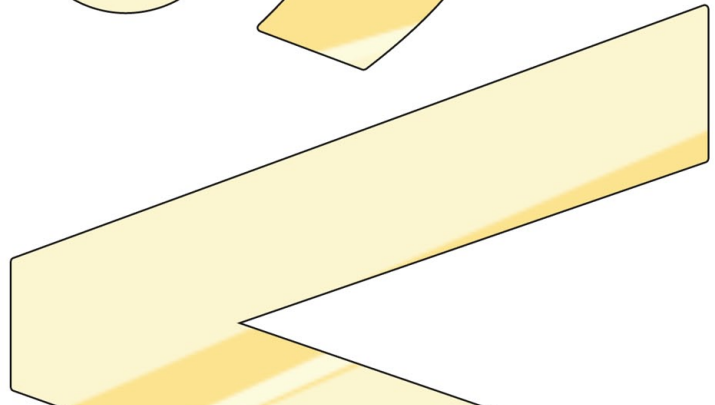
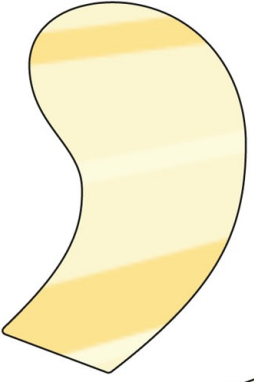
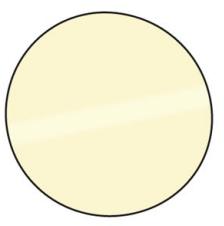
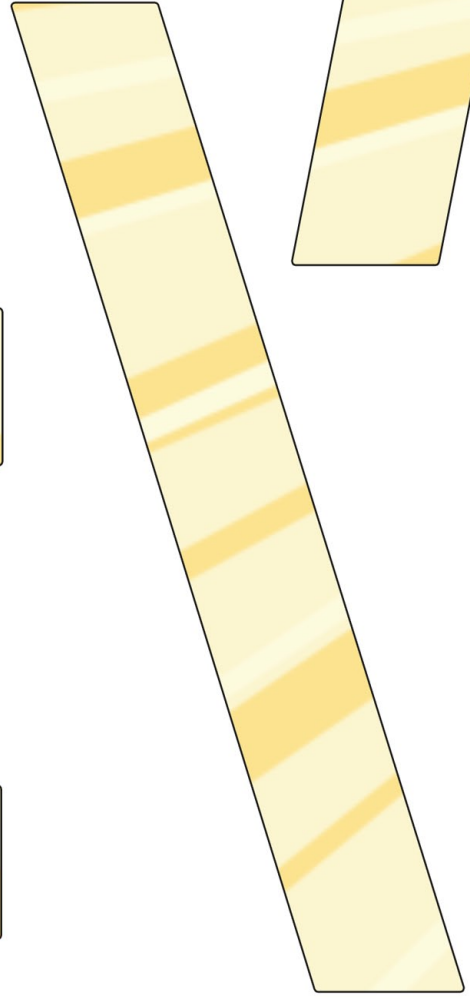
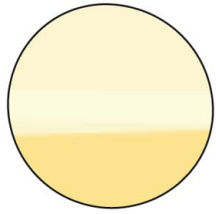
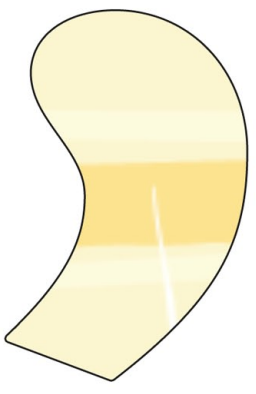
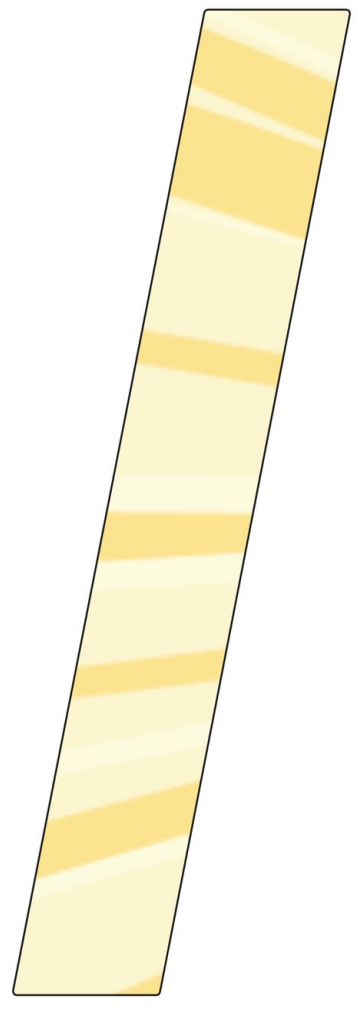
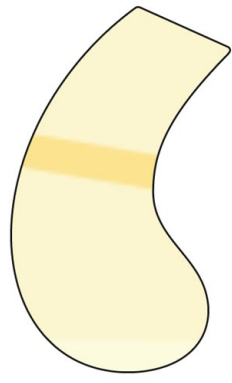
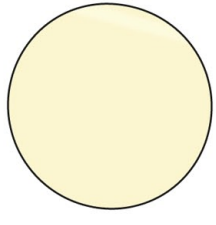
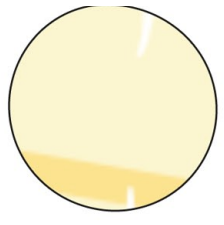


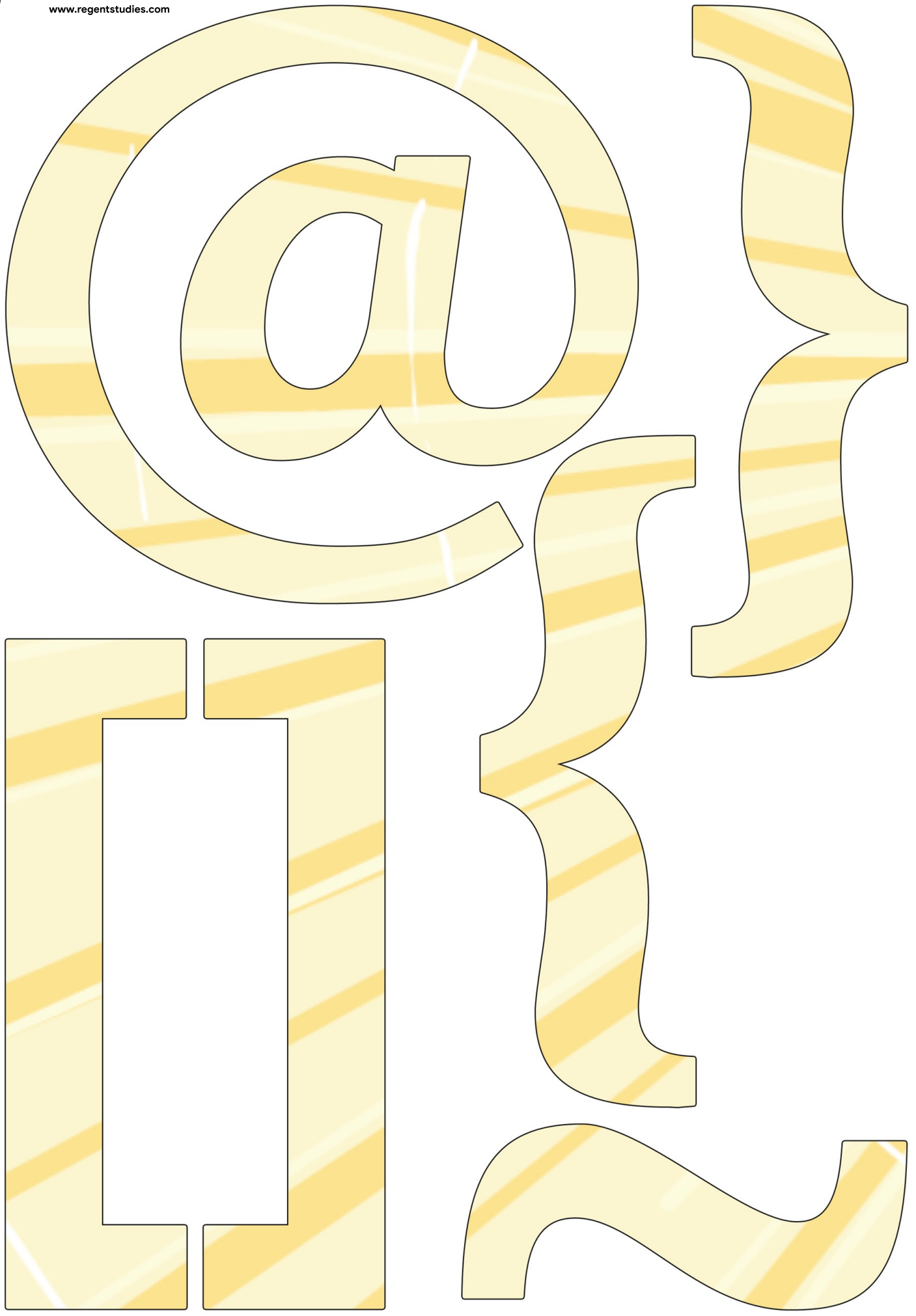




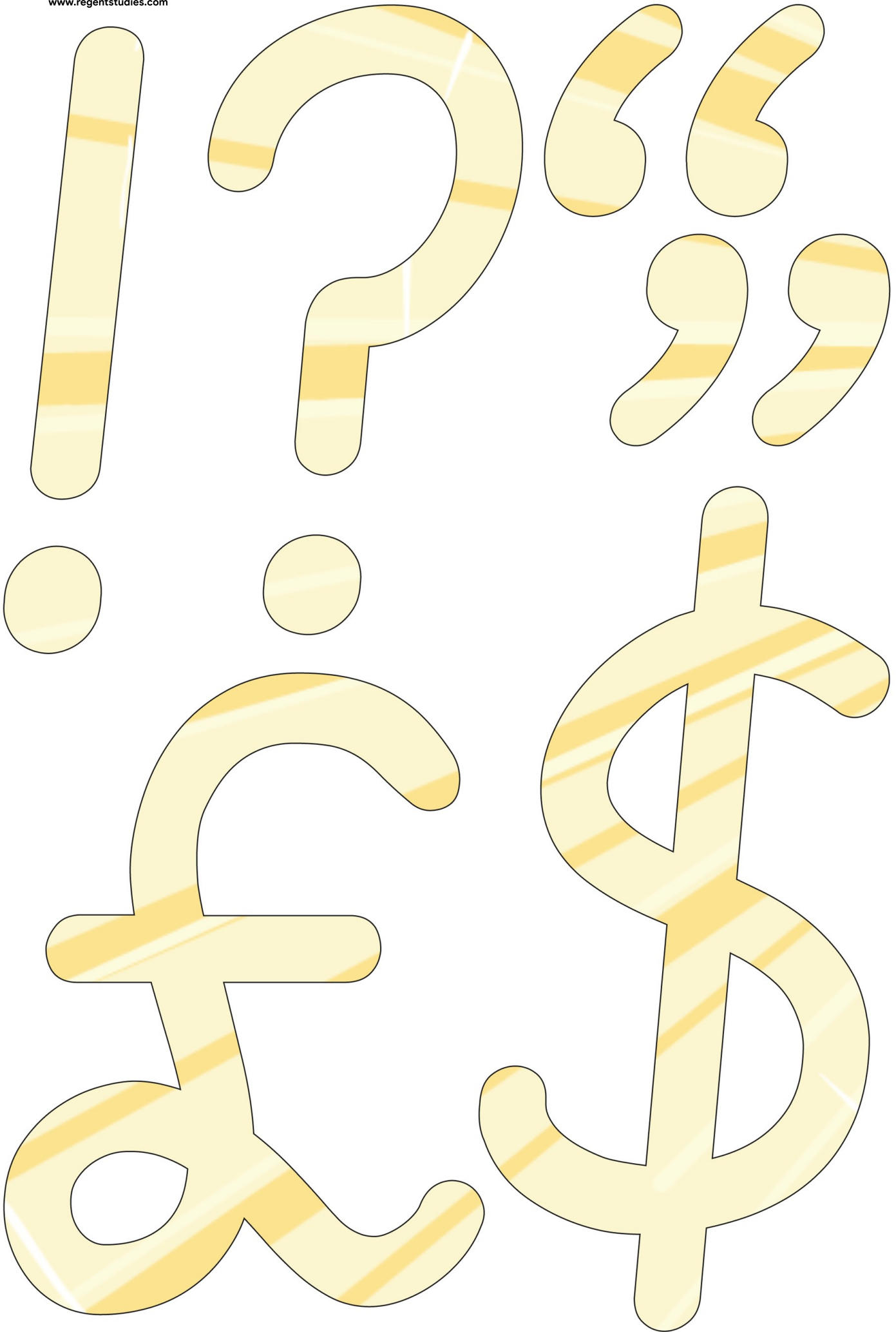


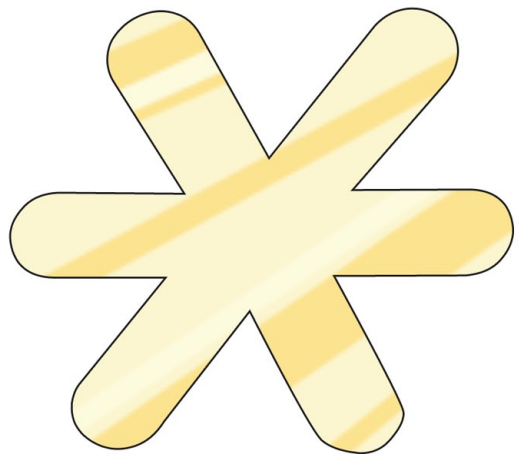
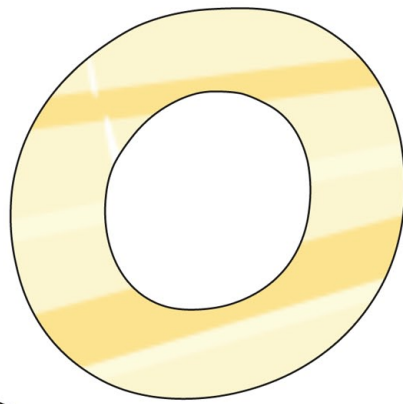
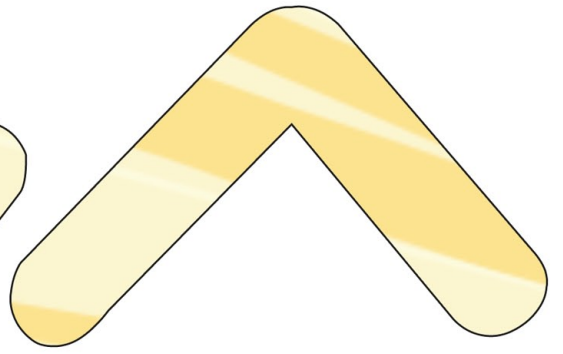
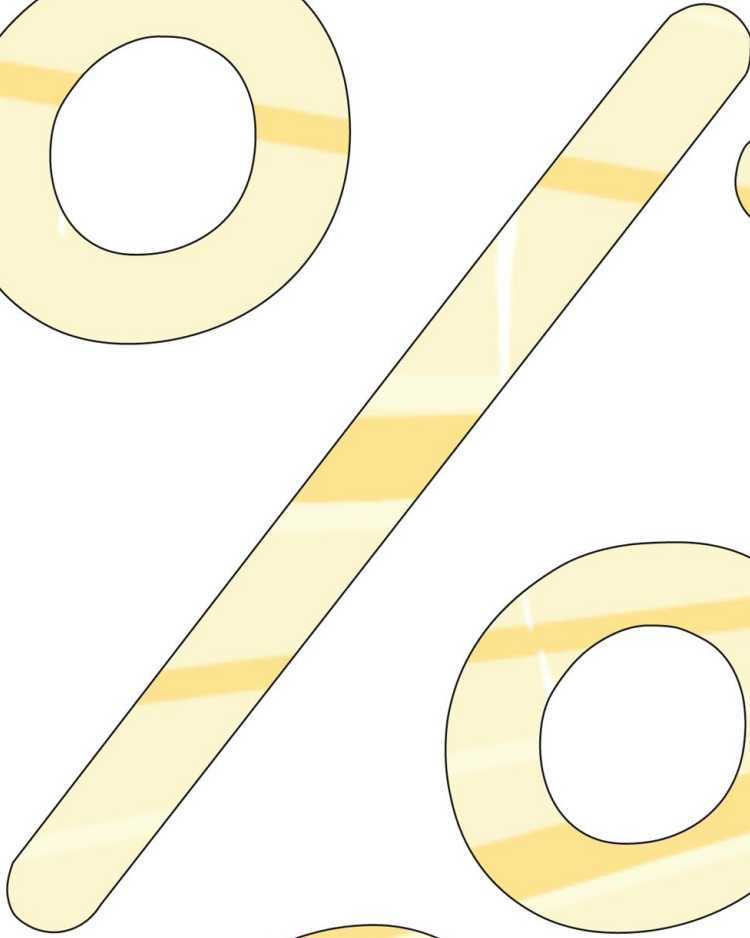
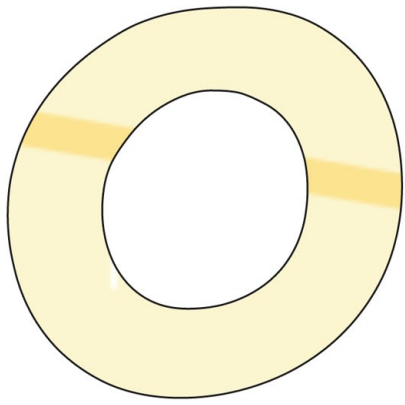


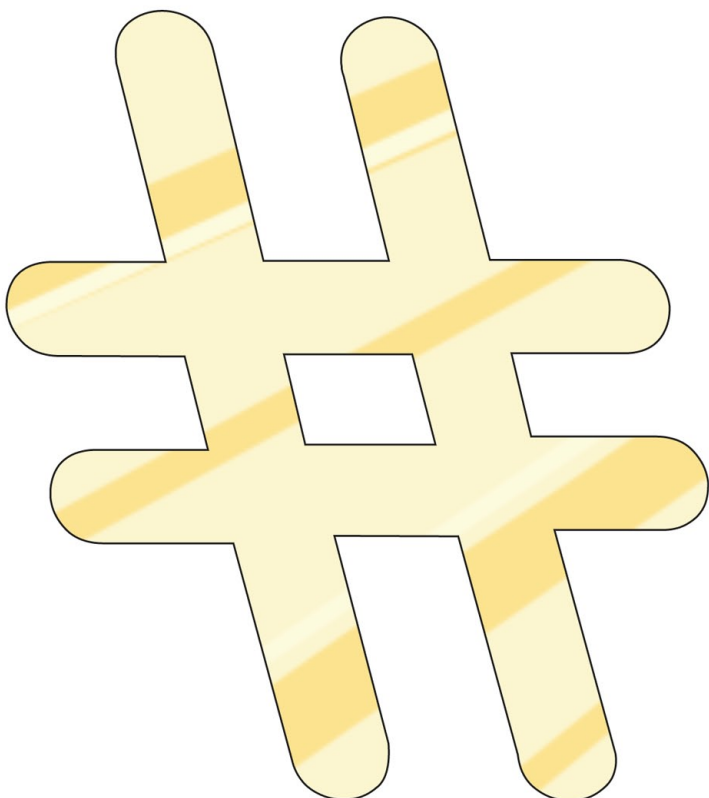
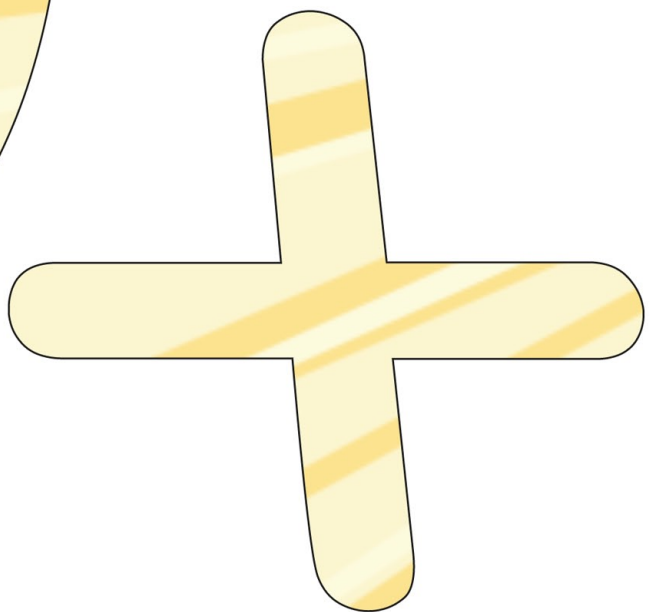
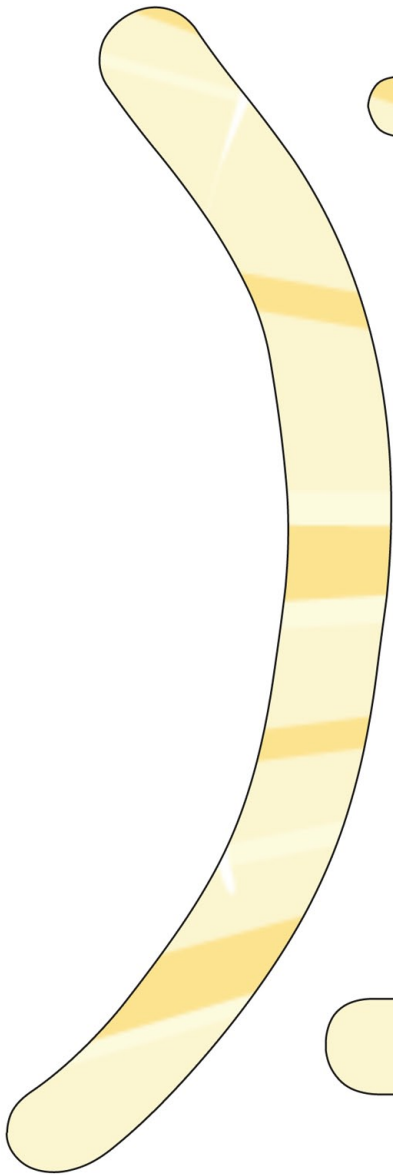
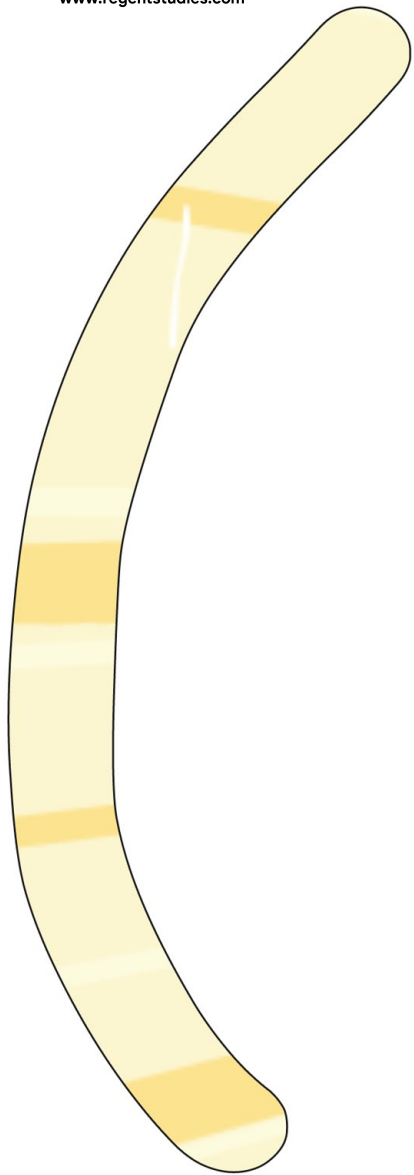


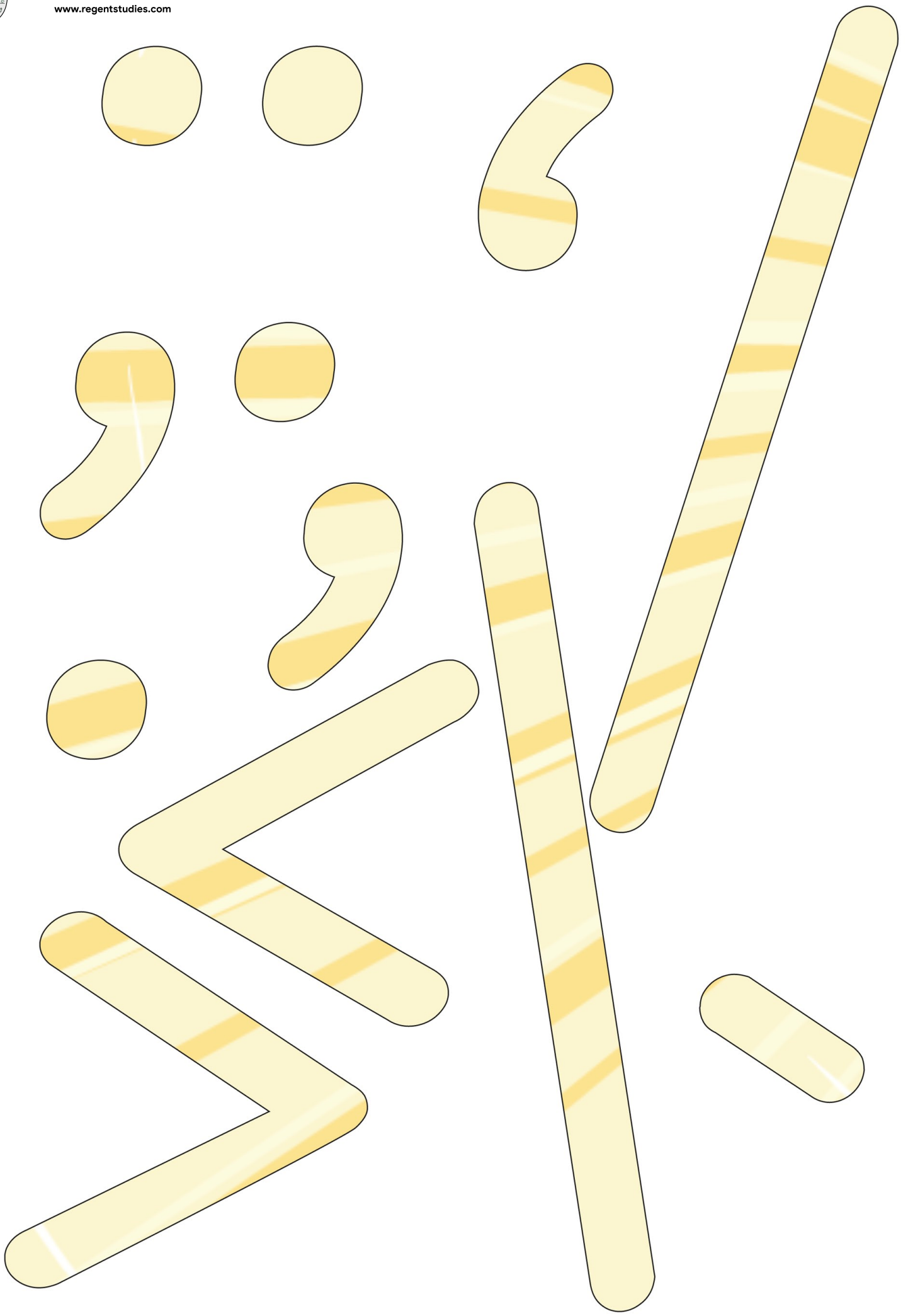


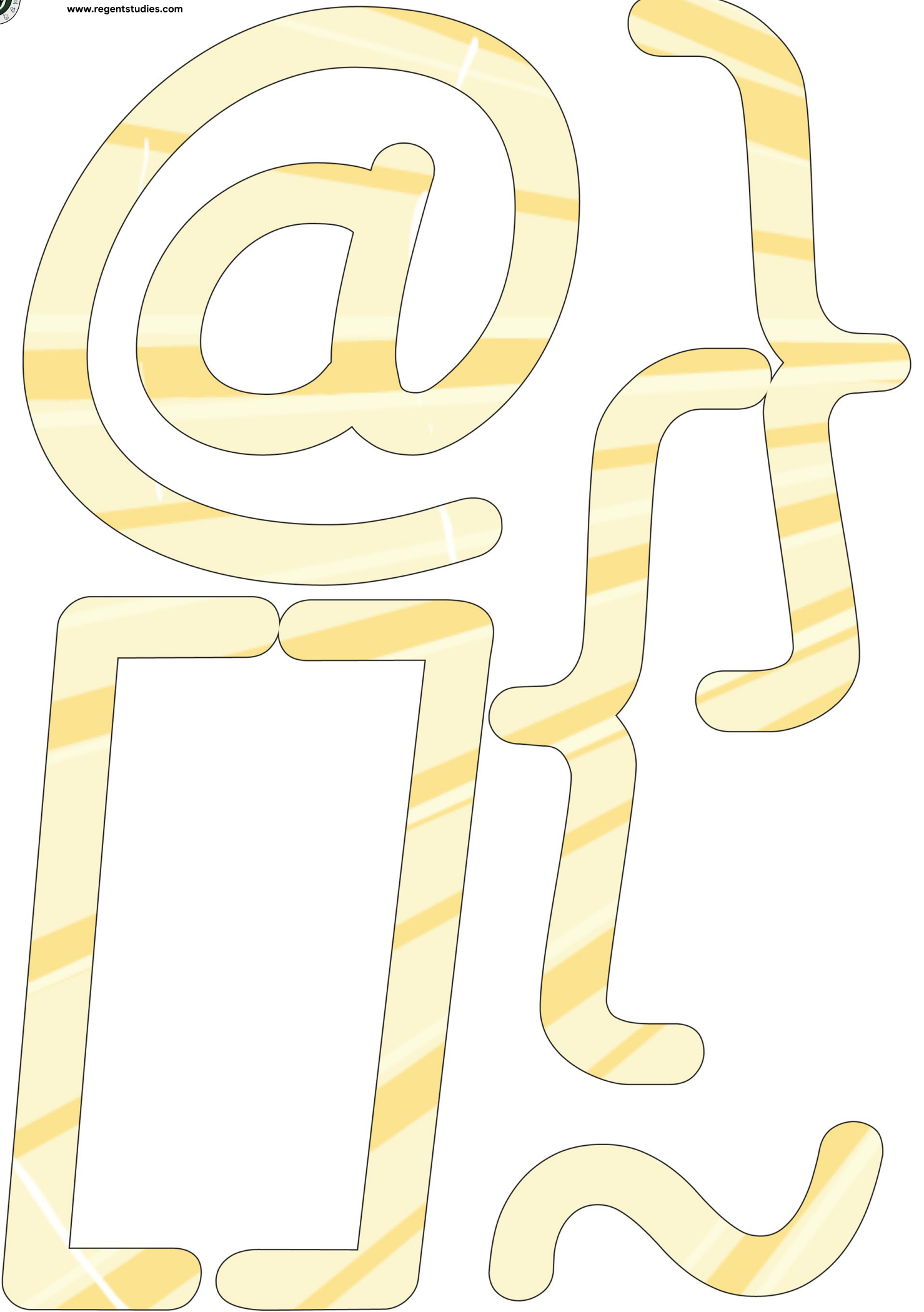




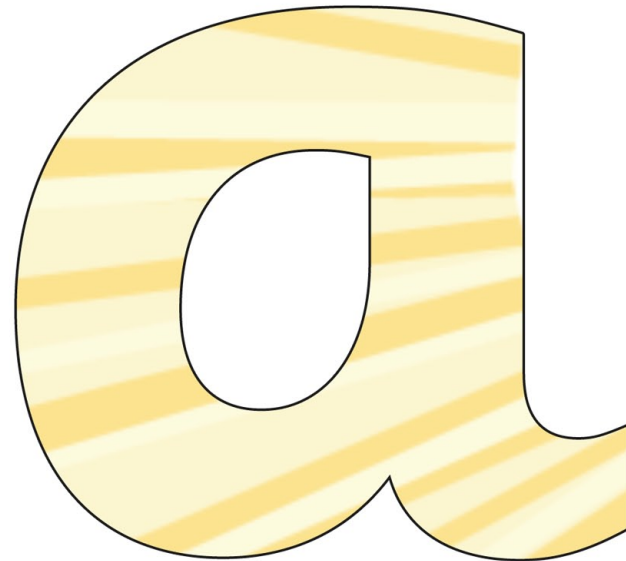
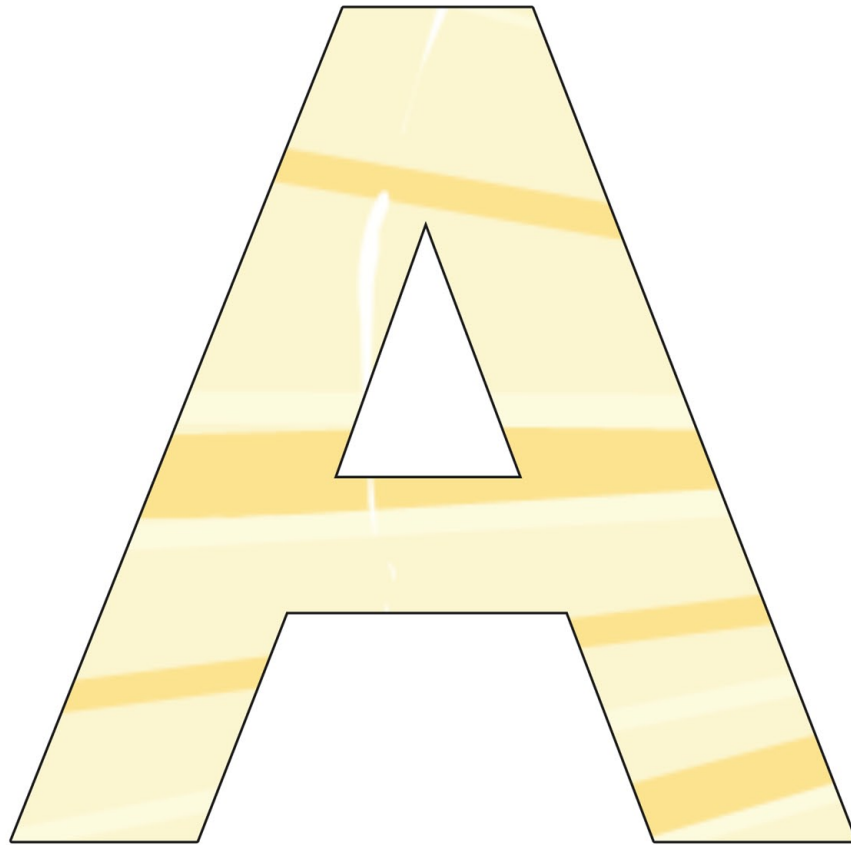


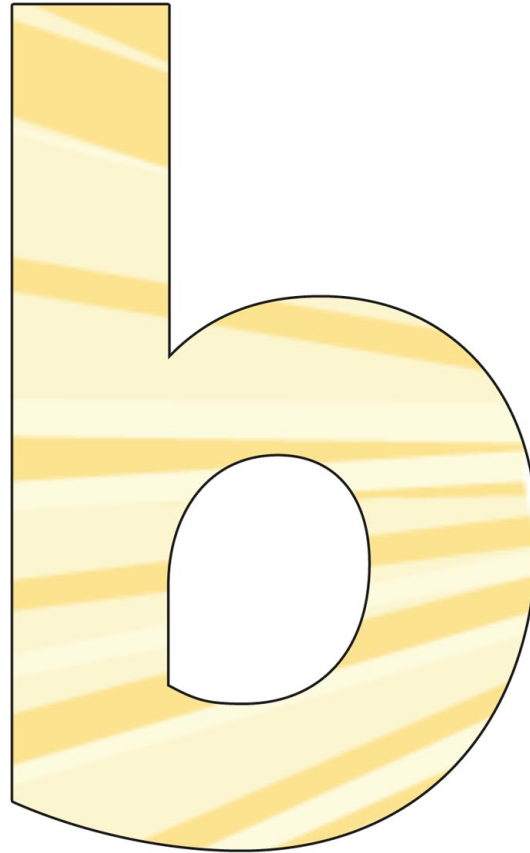
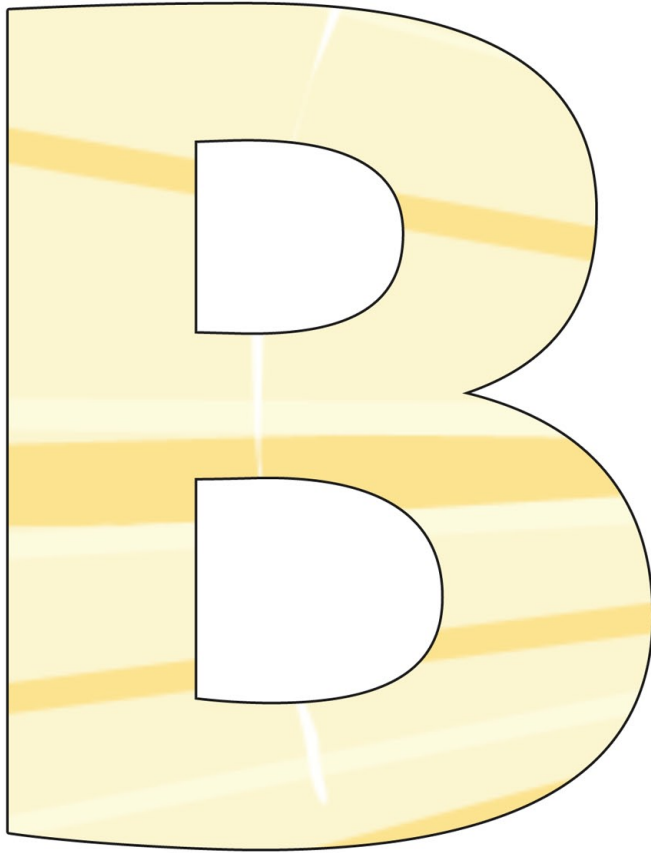


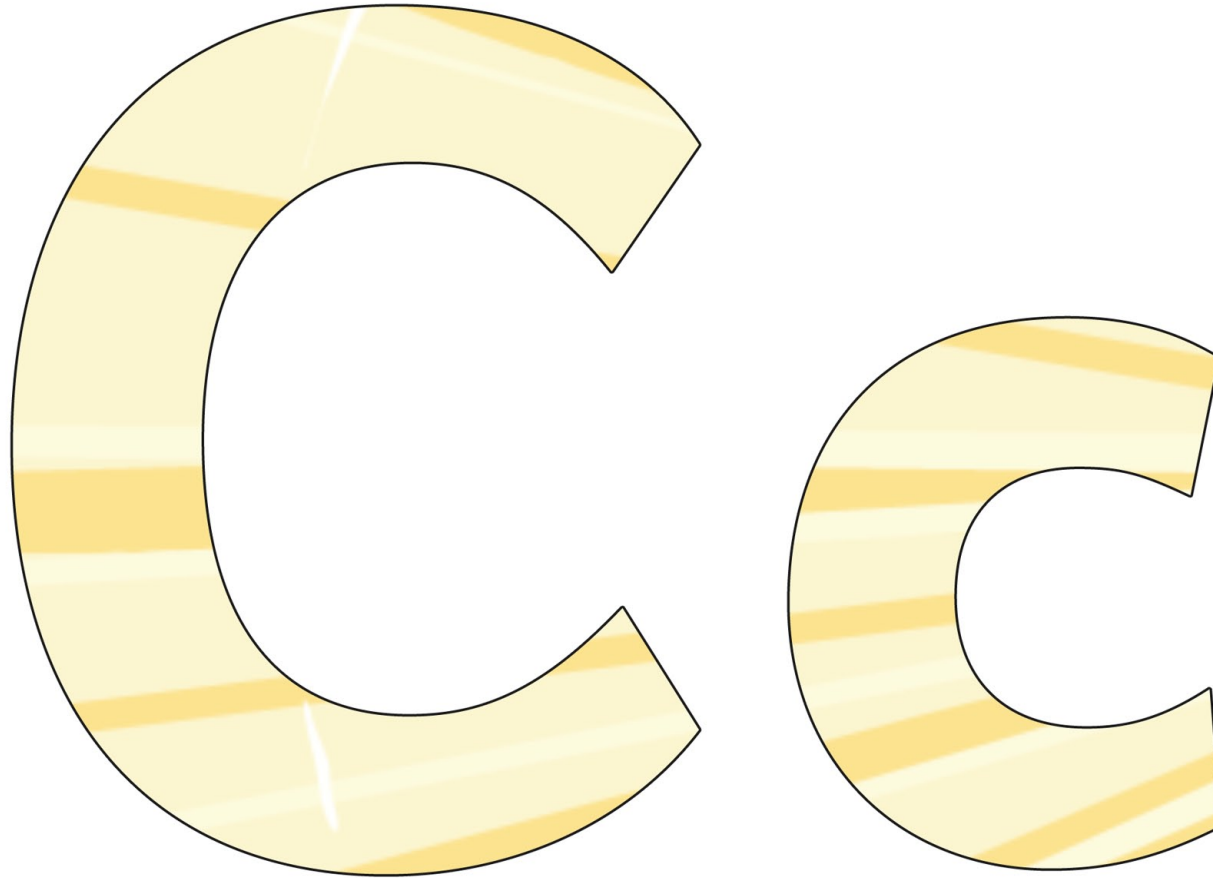


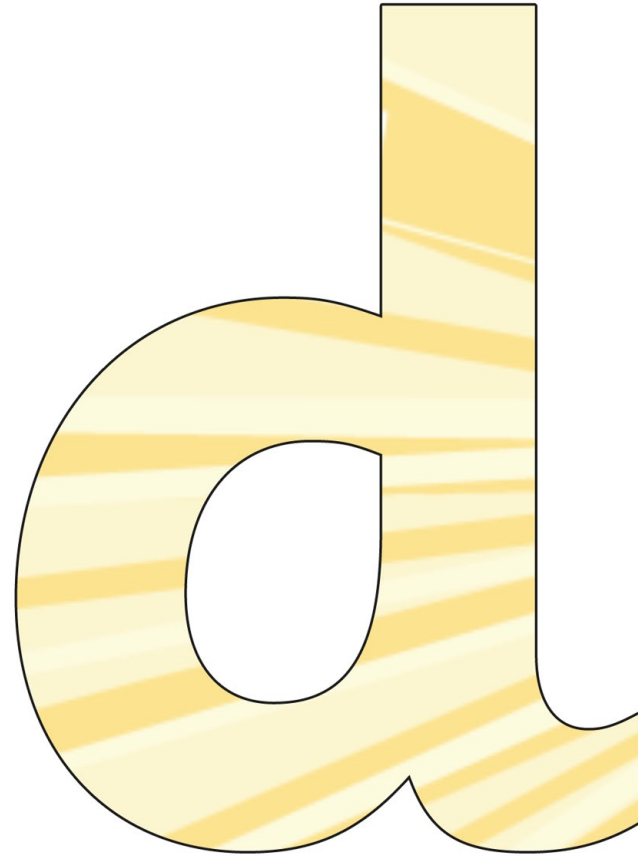
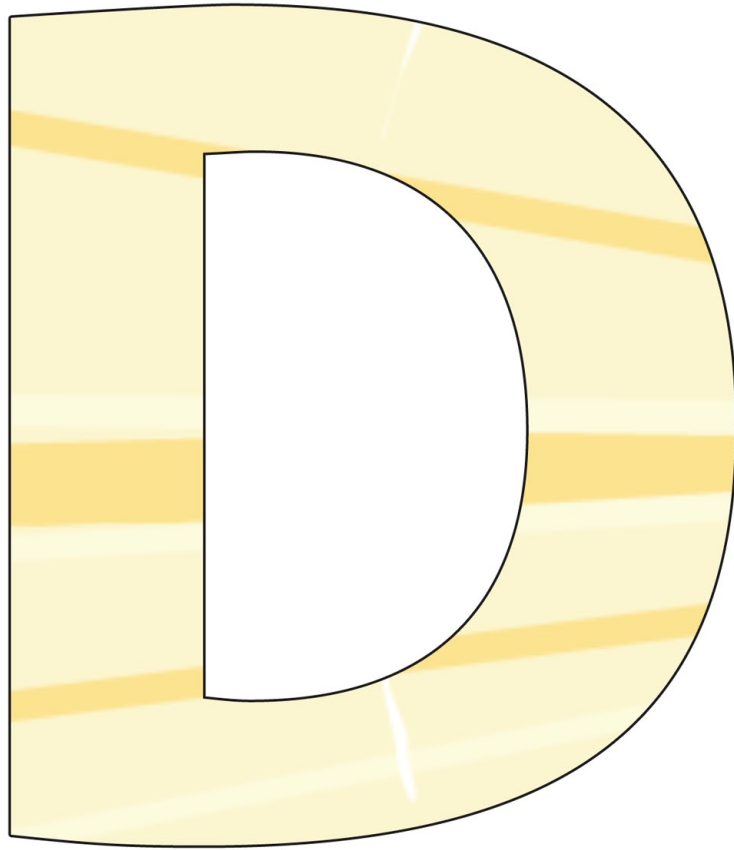










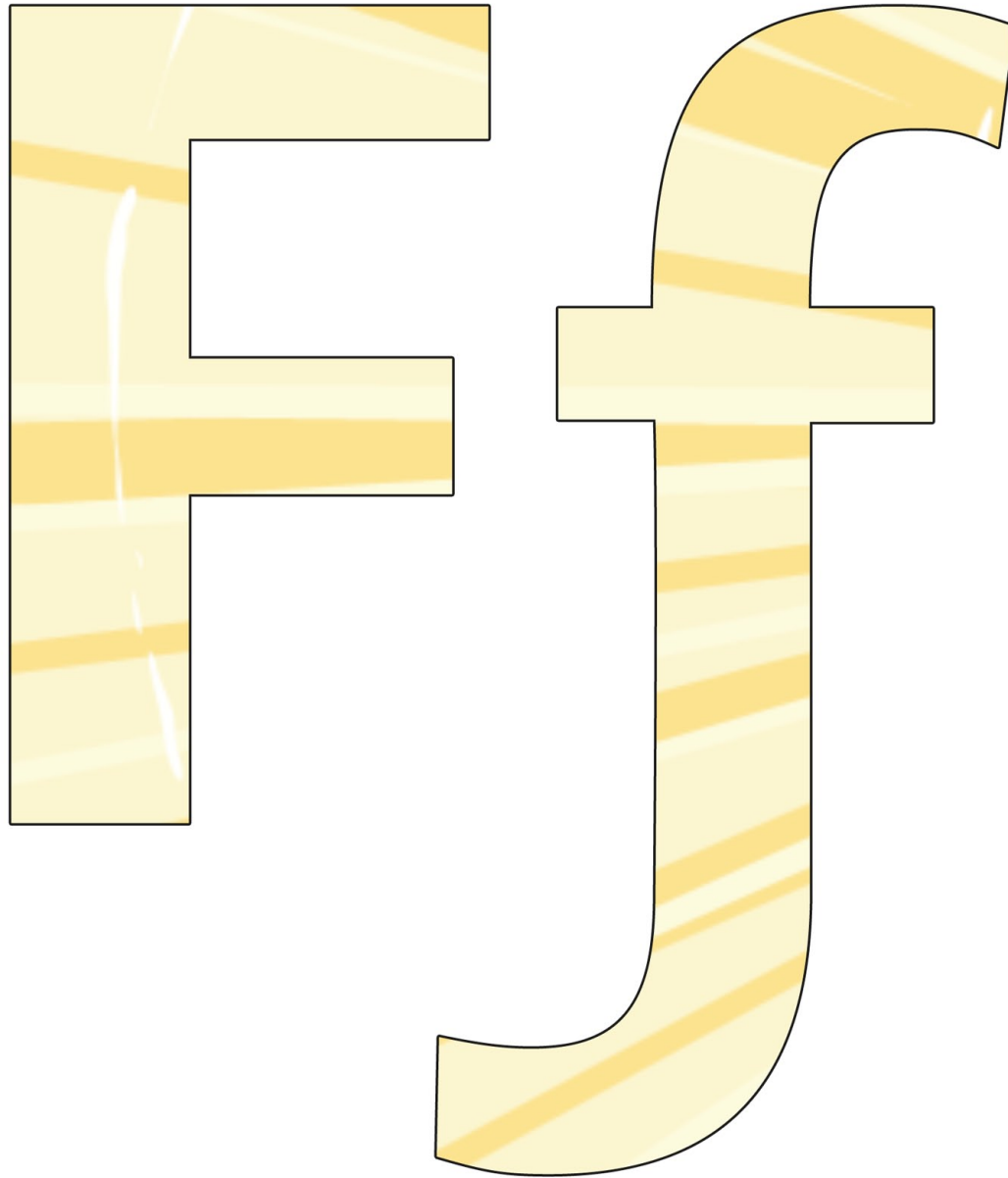




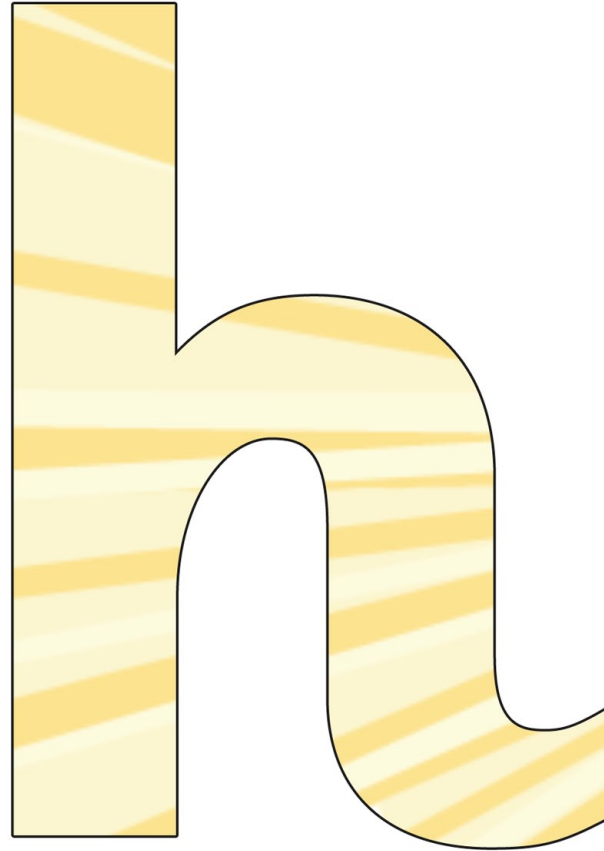
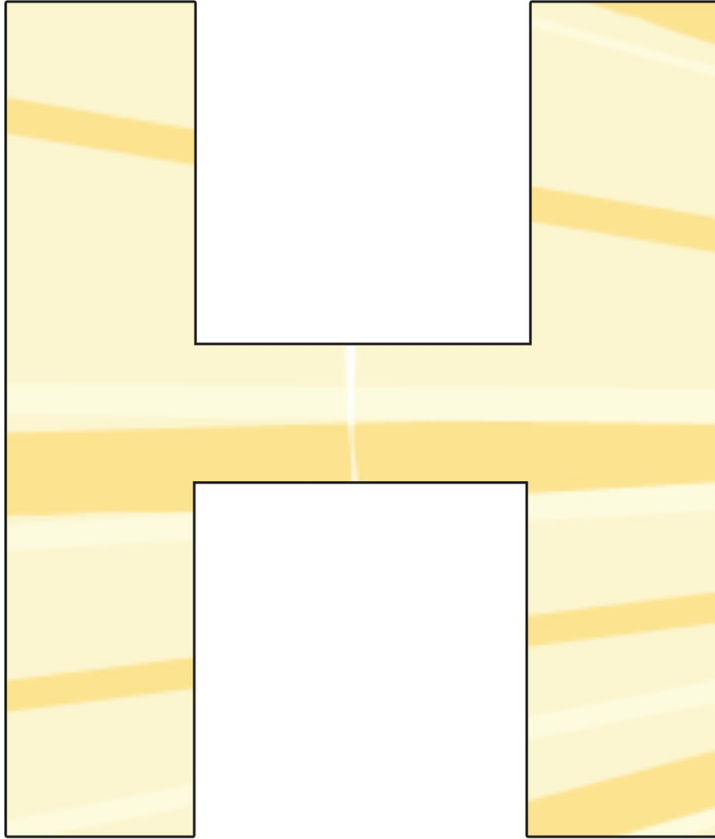
E

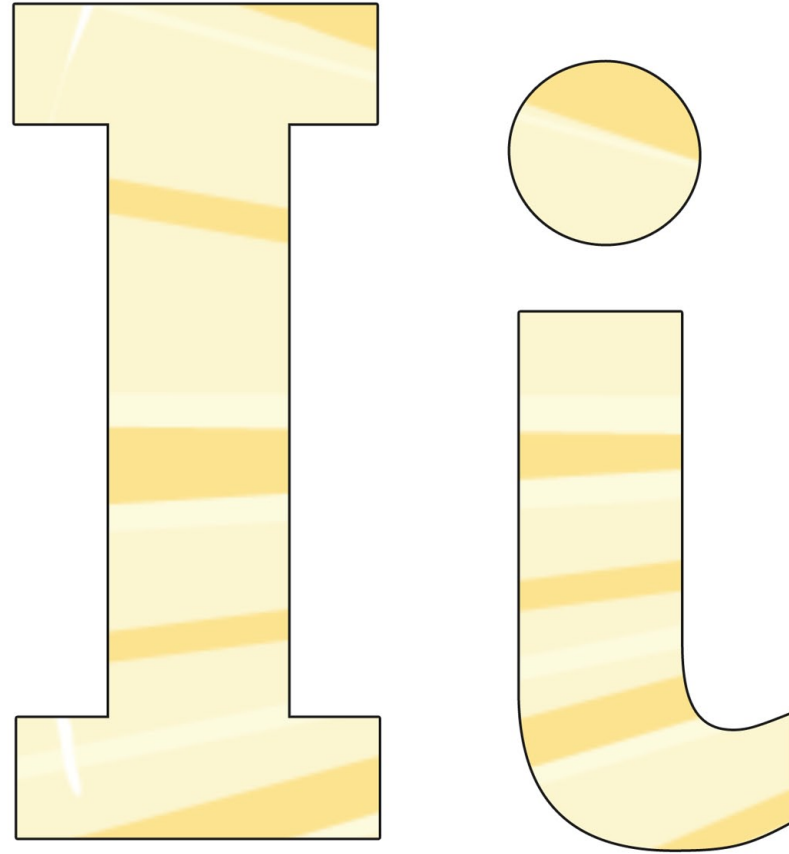
e

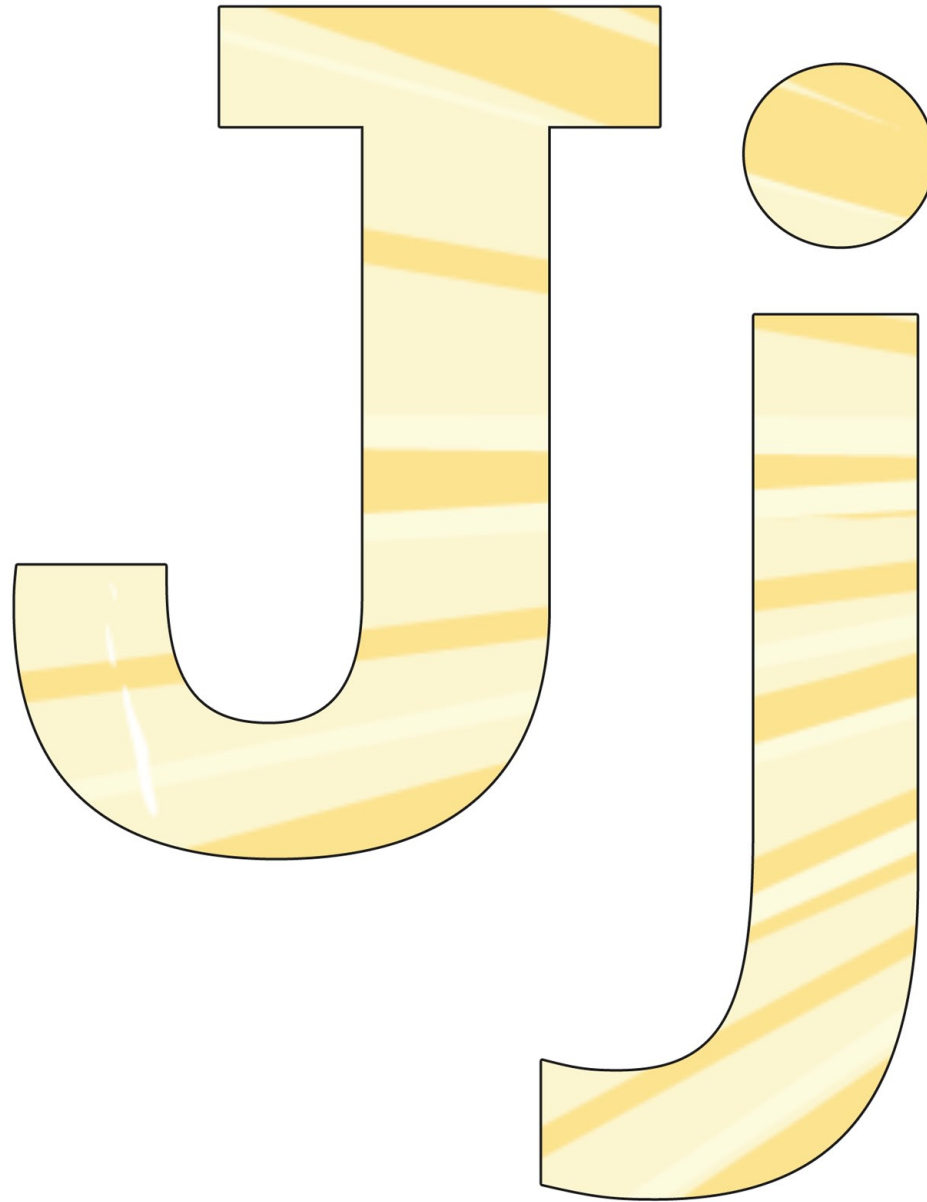




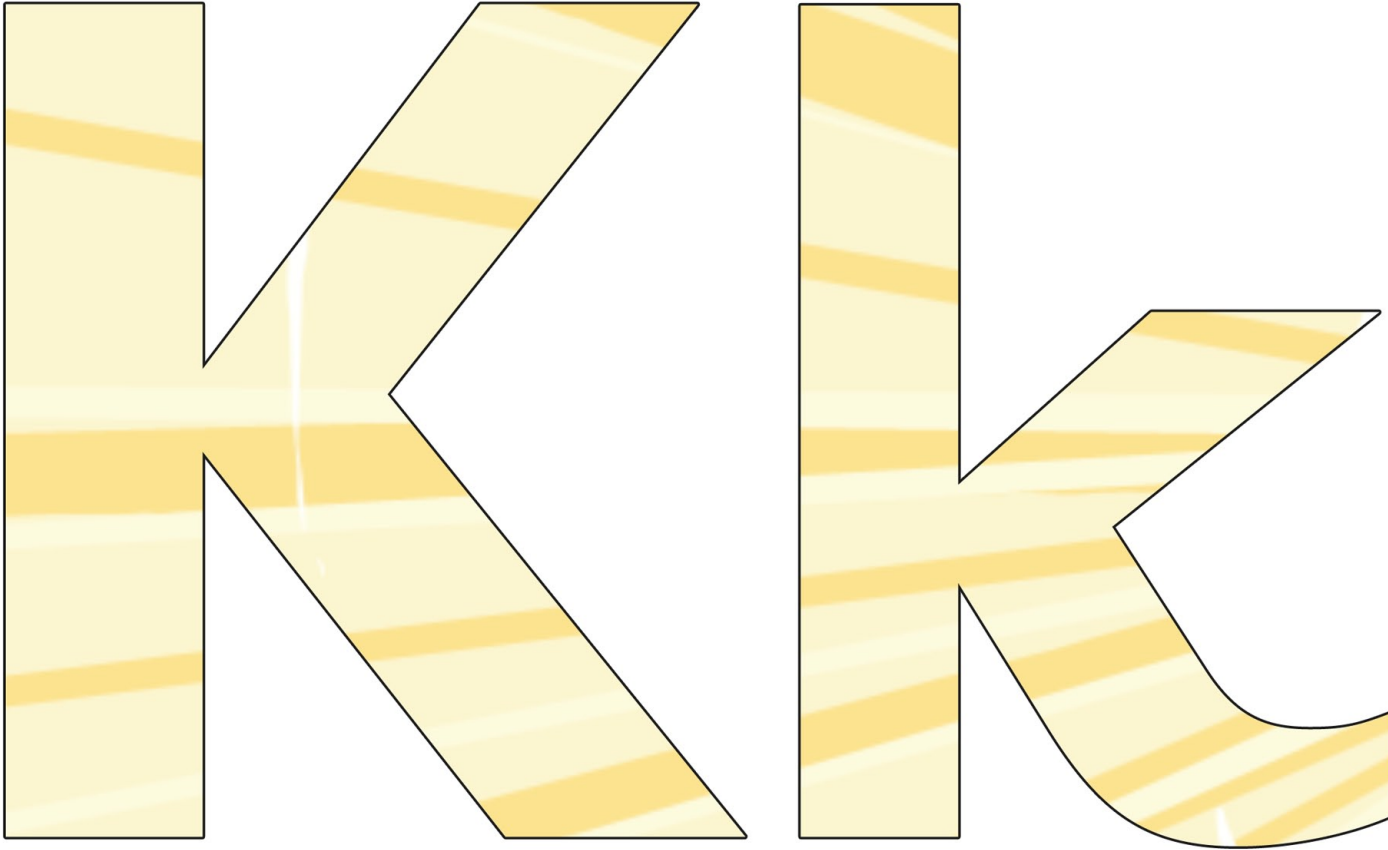


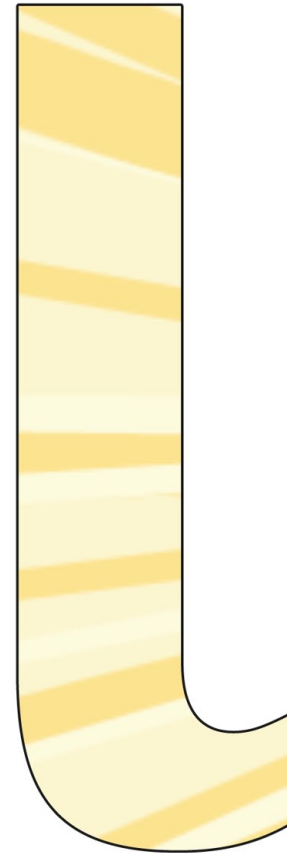
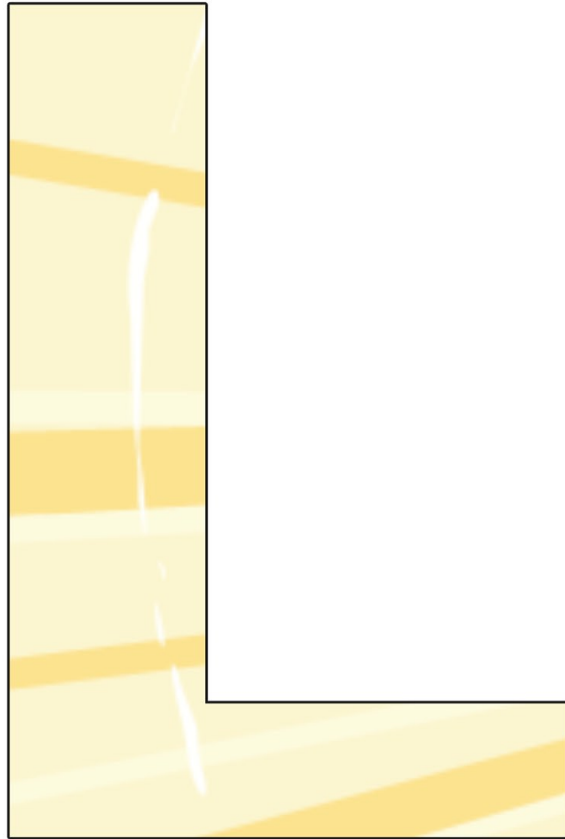


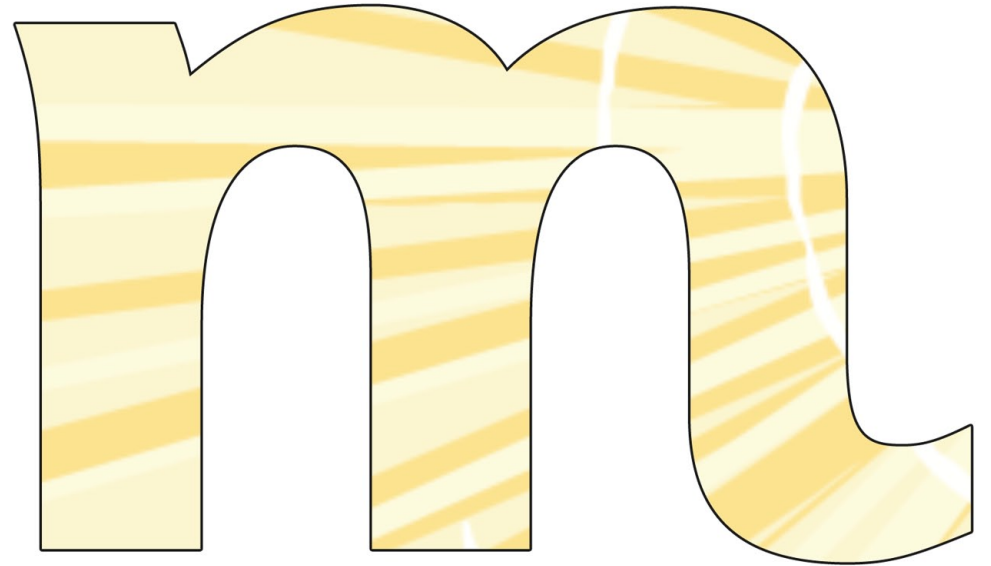
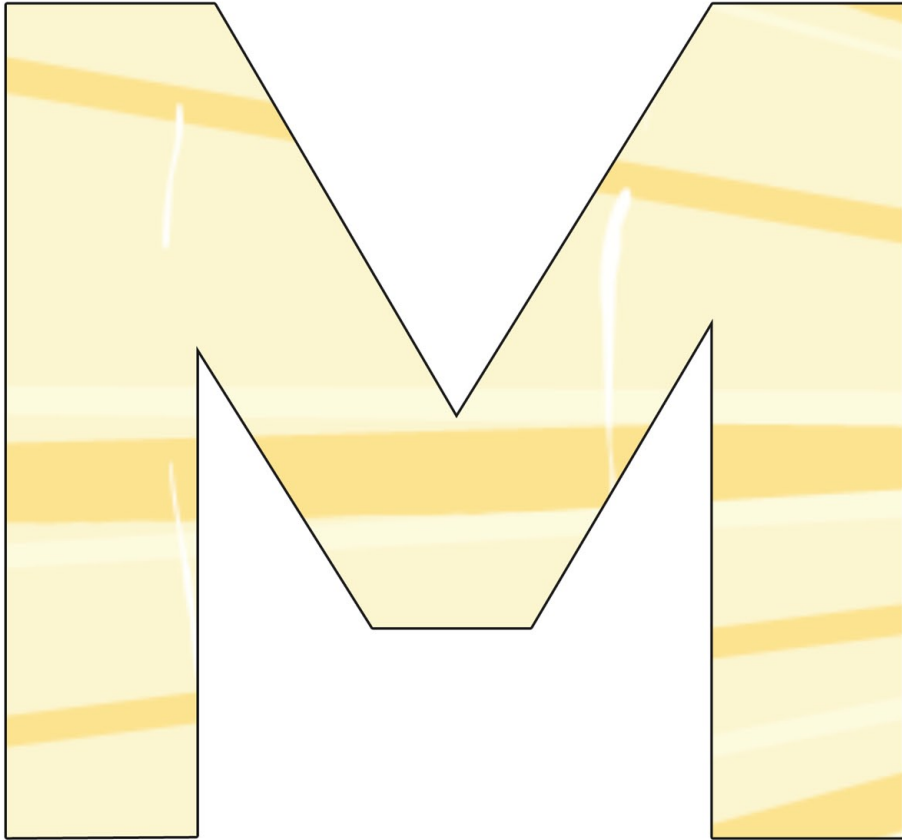


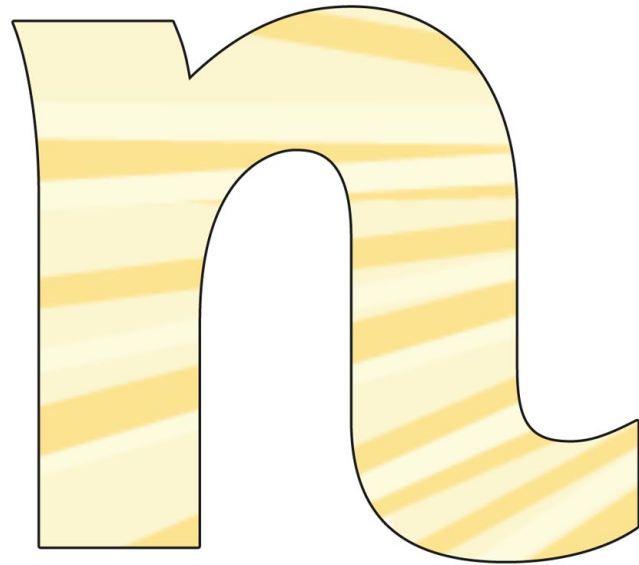
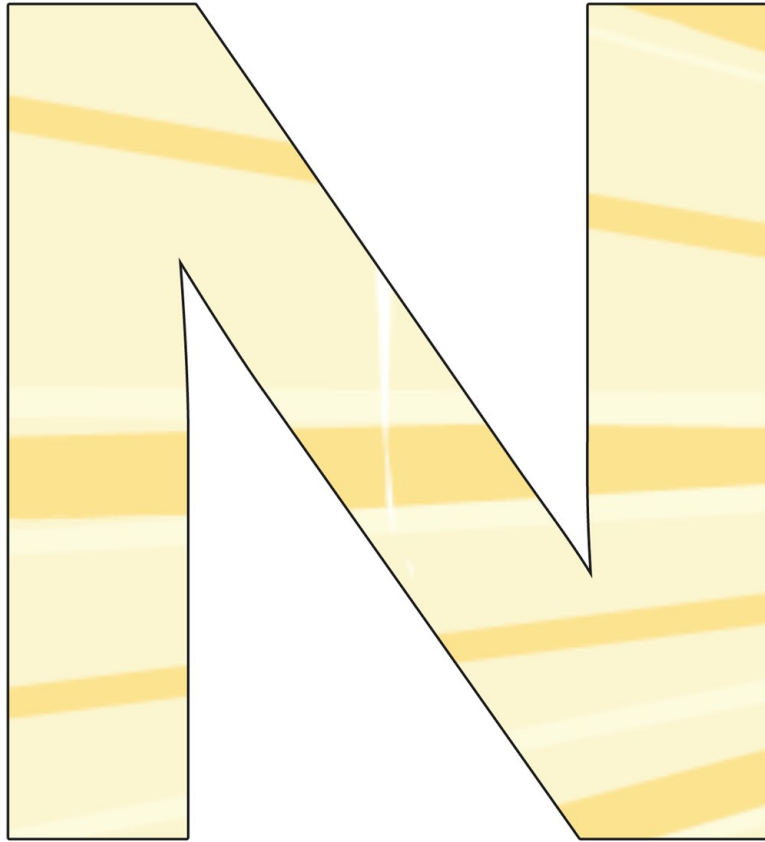


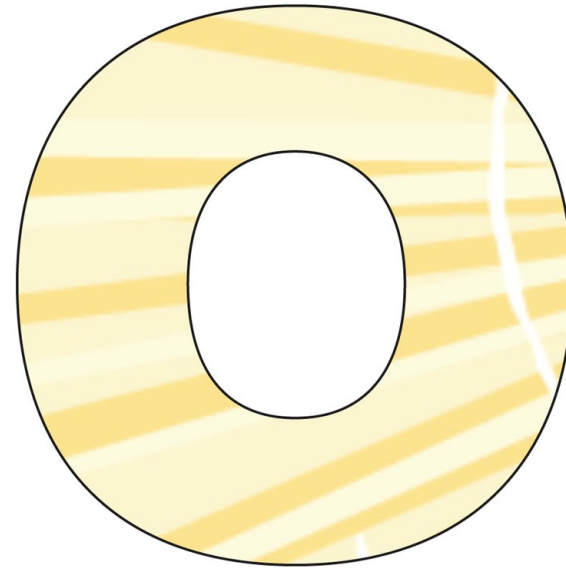
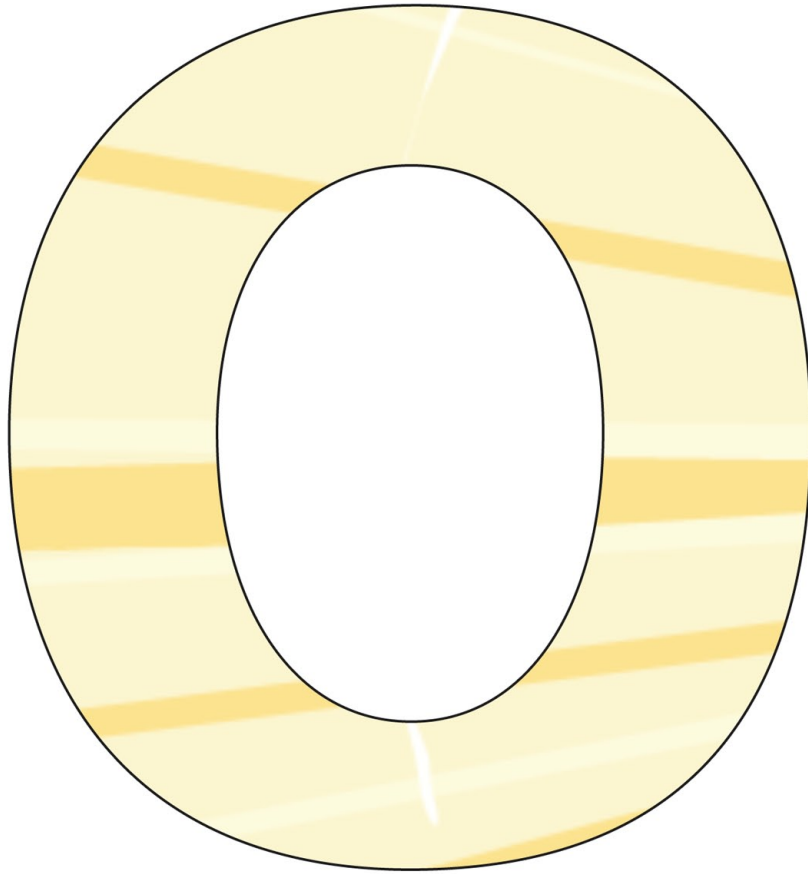




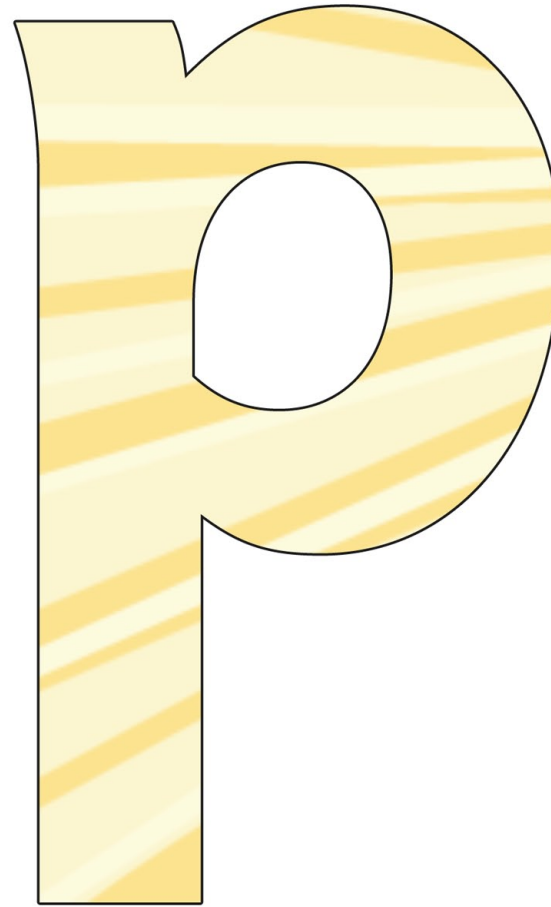
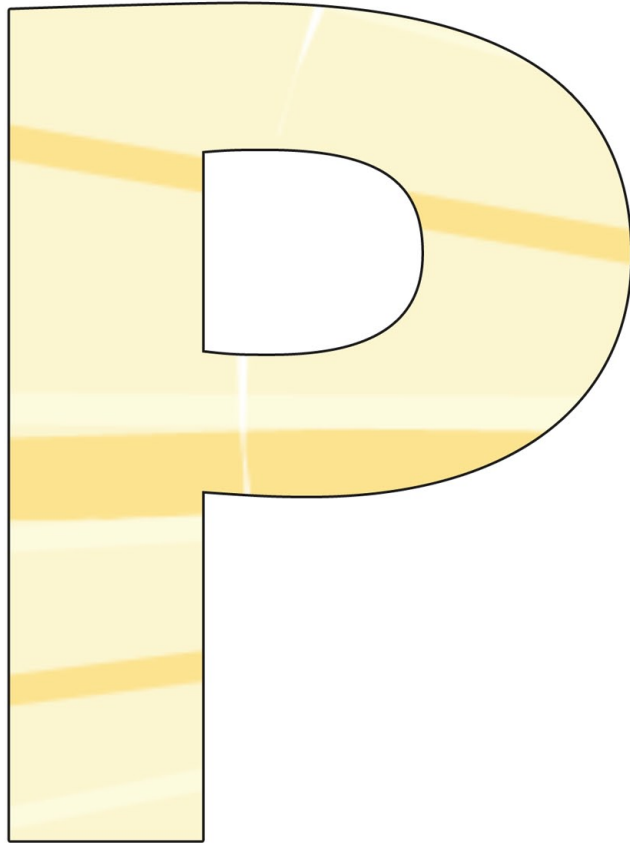


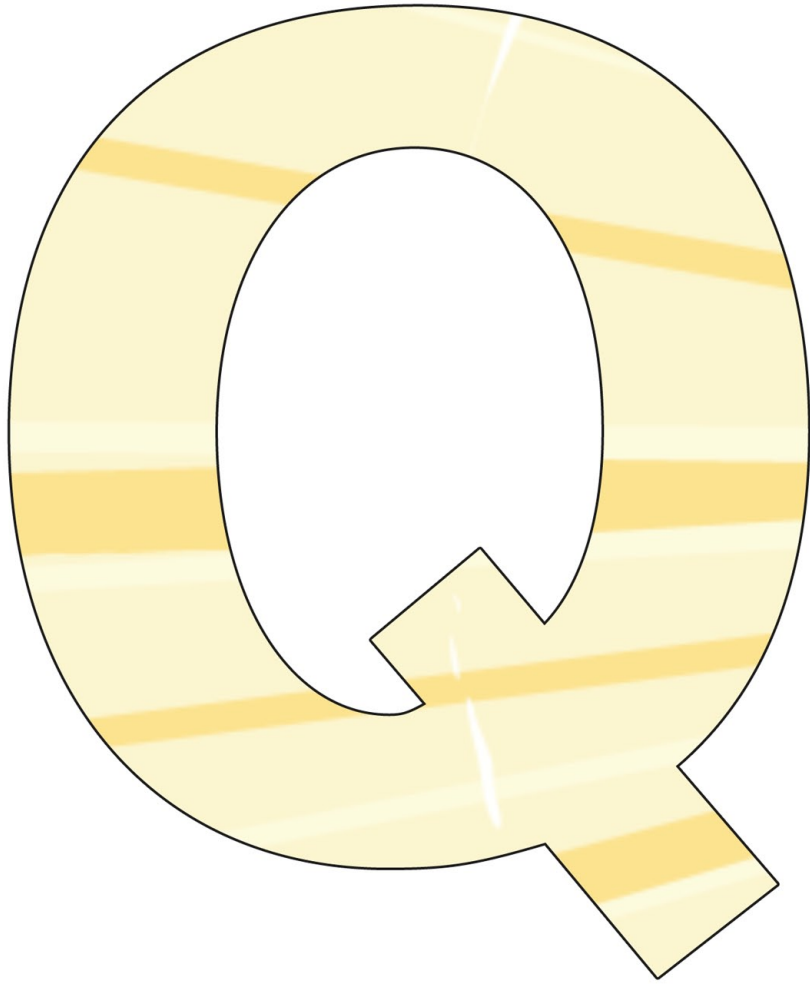






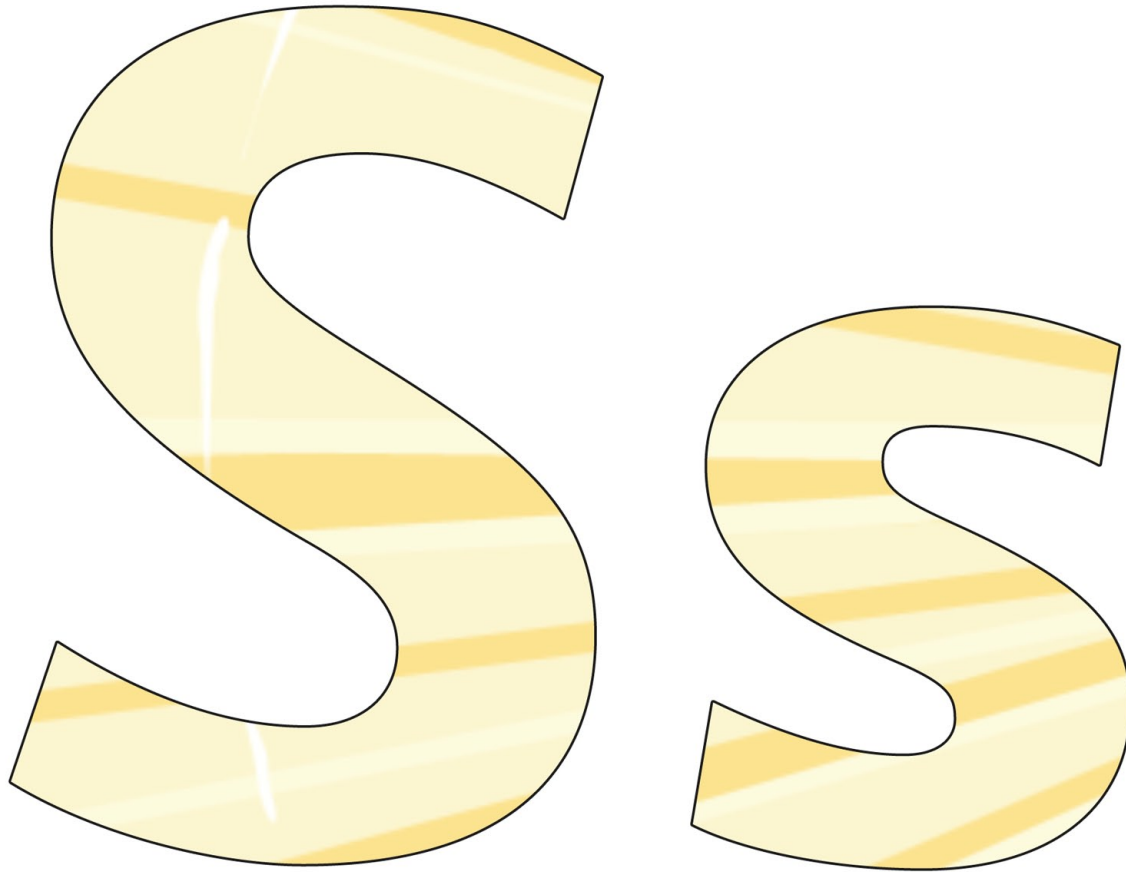


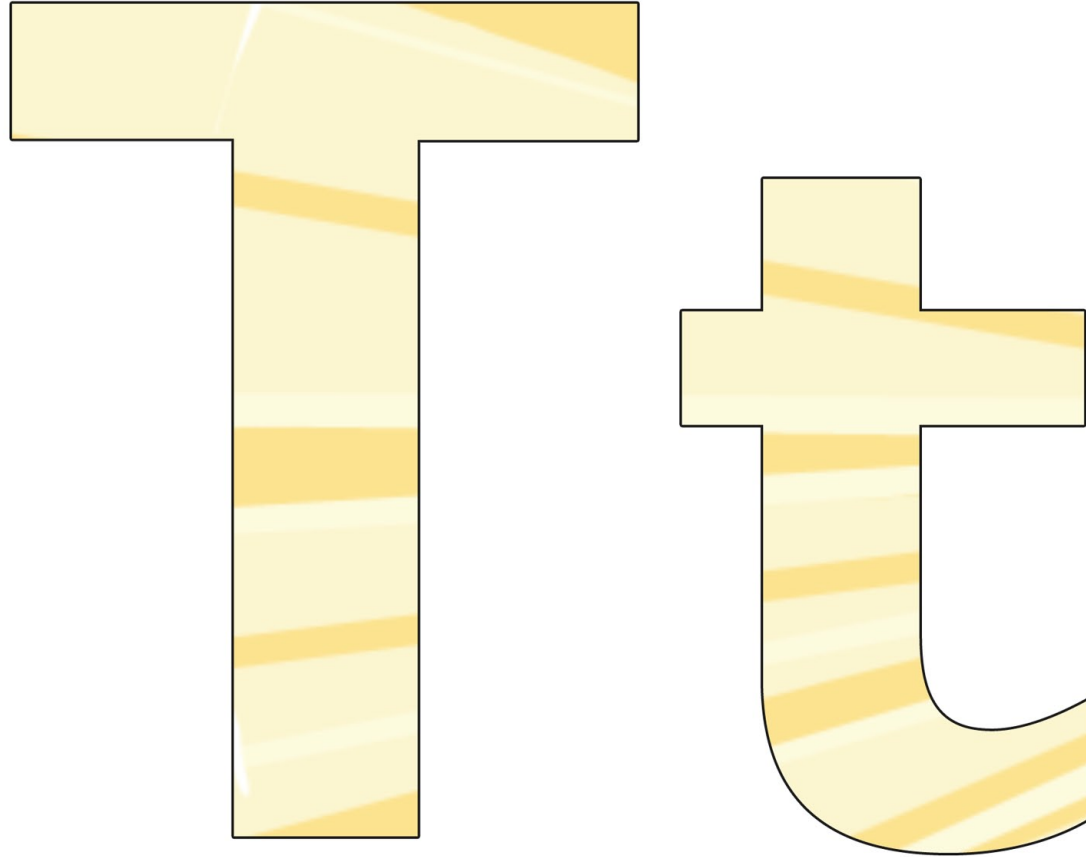


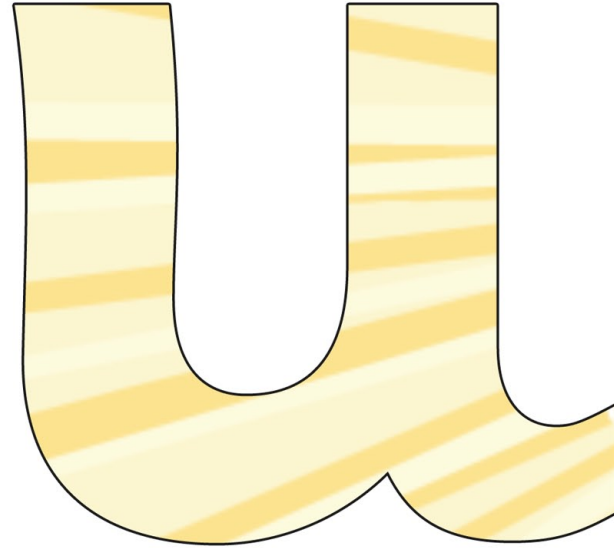
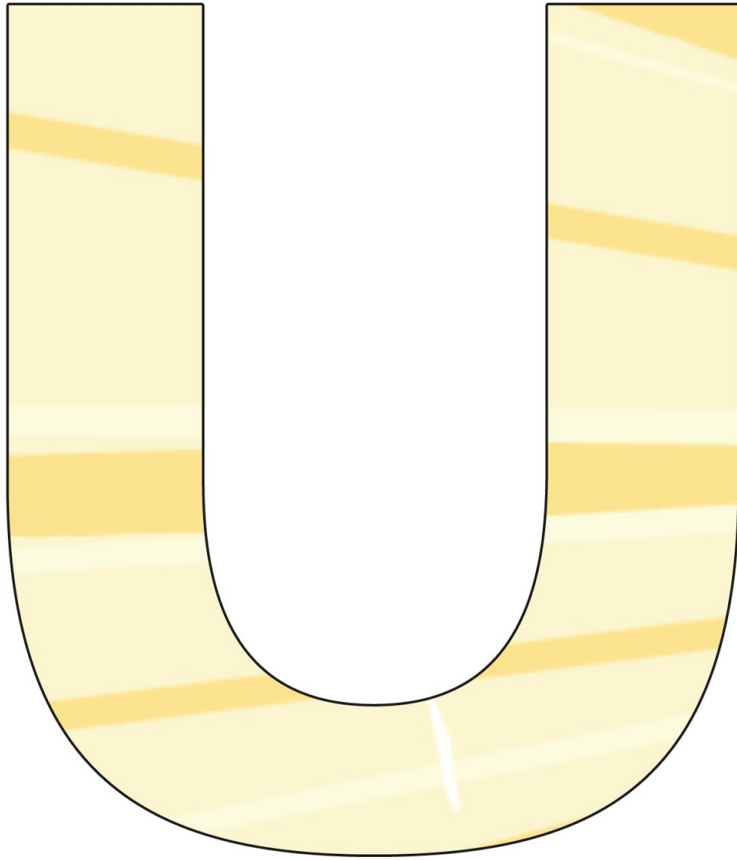




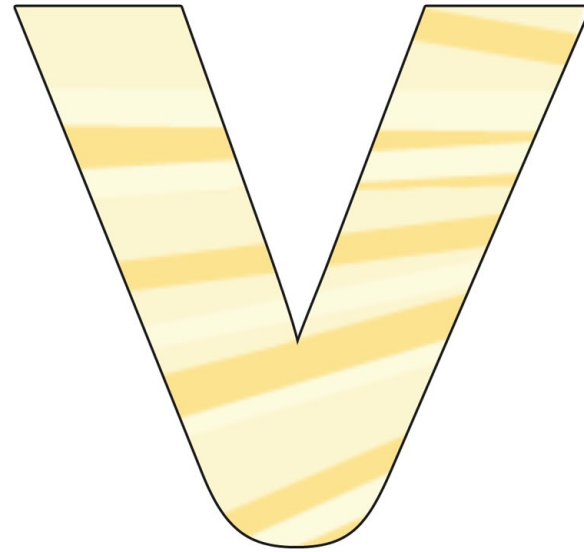
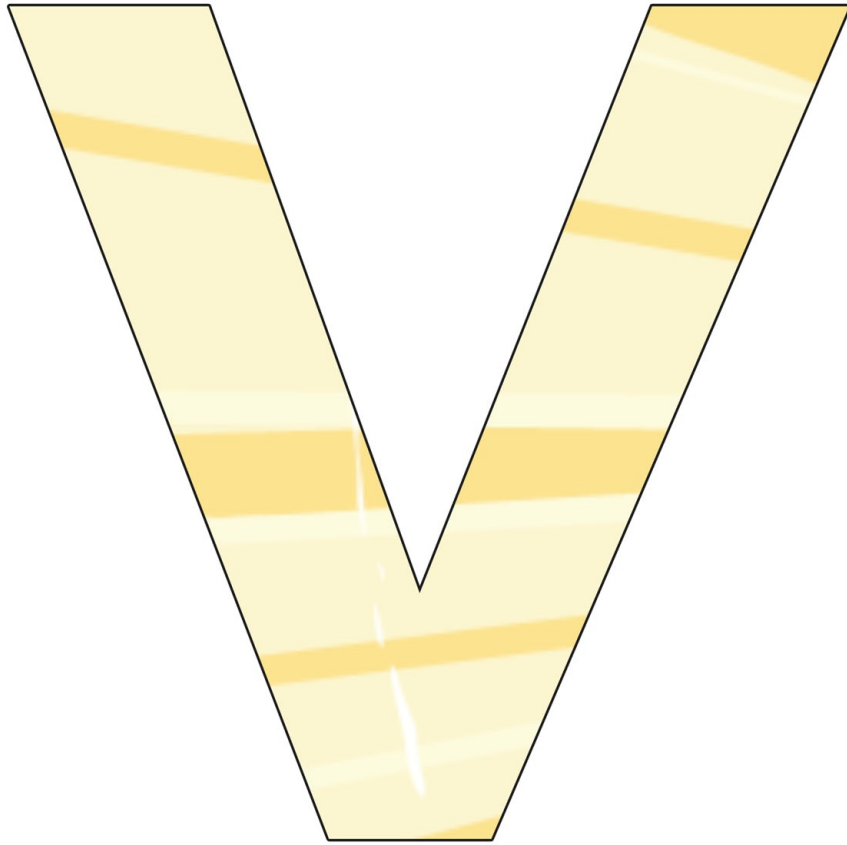
R r

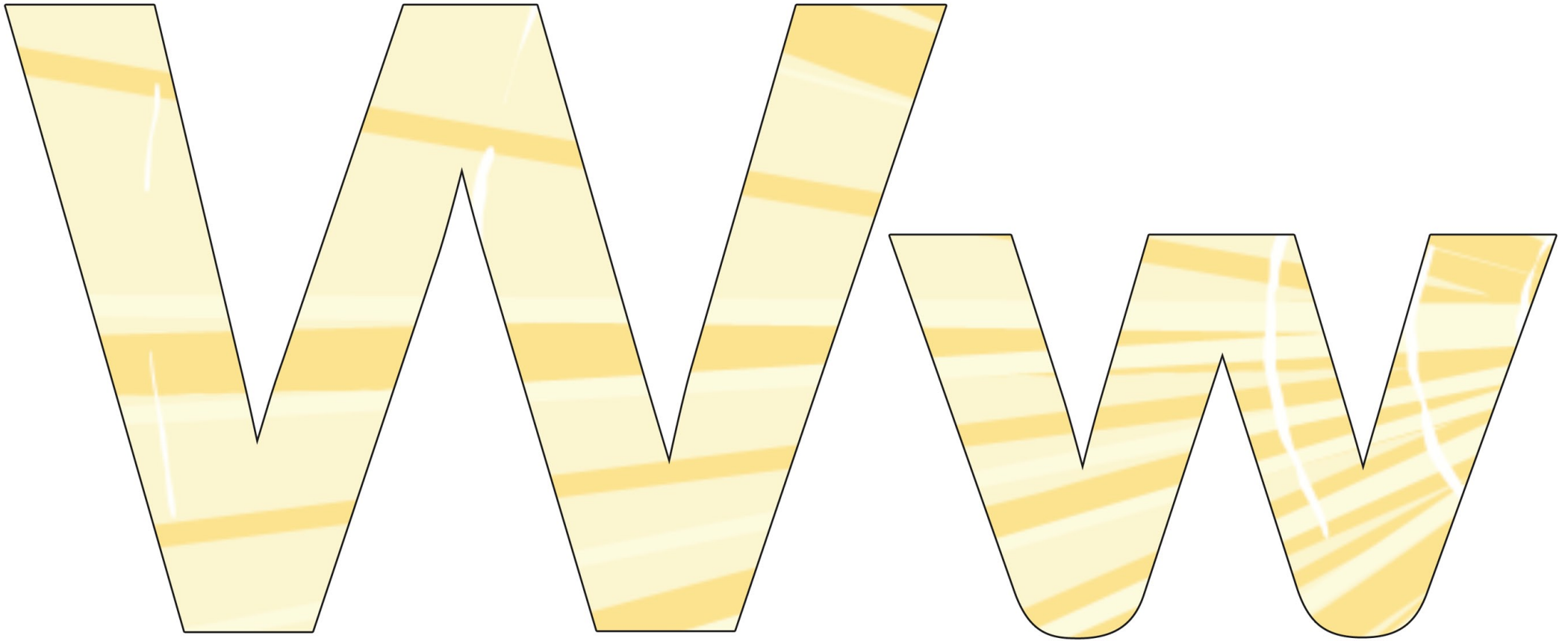


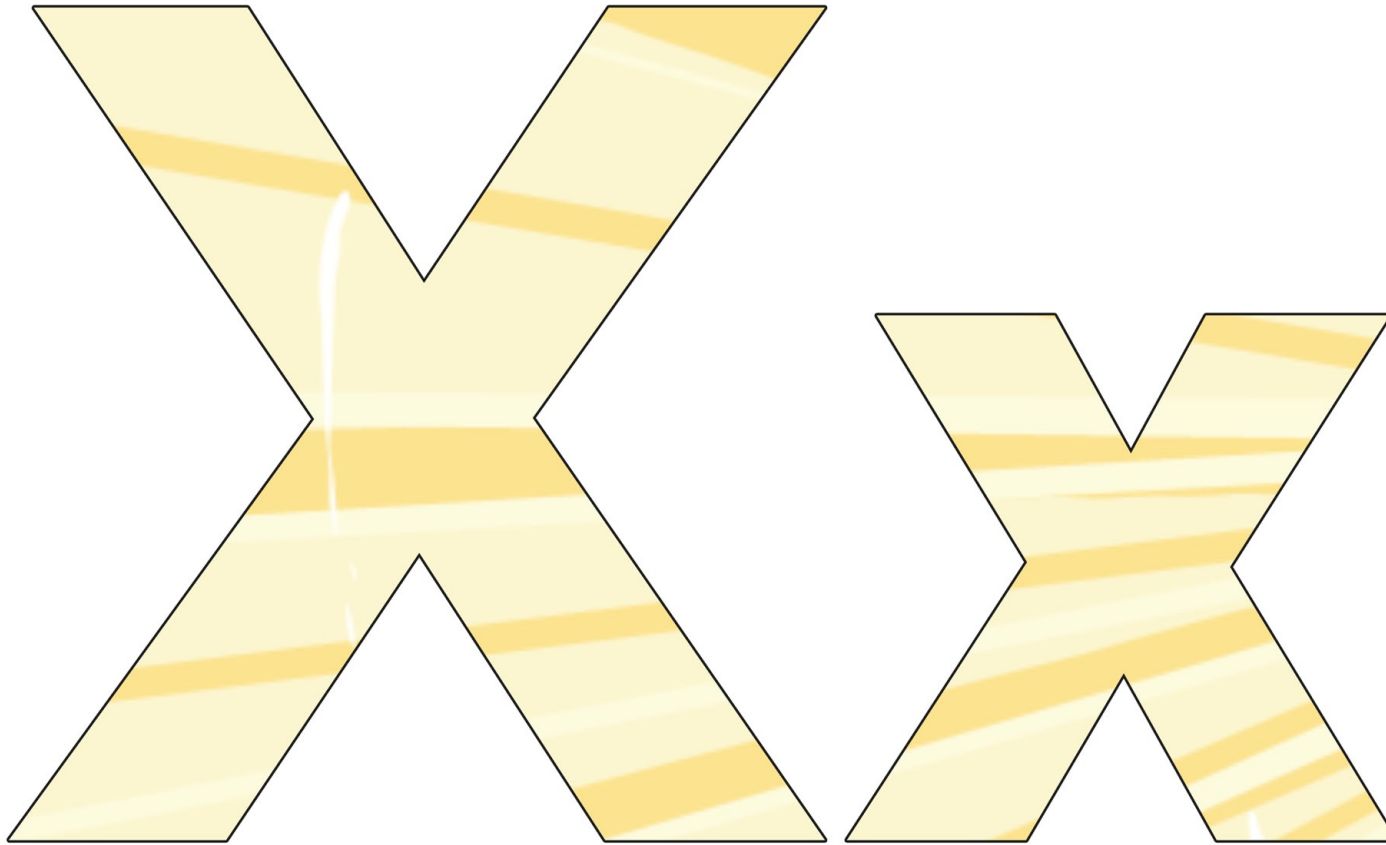


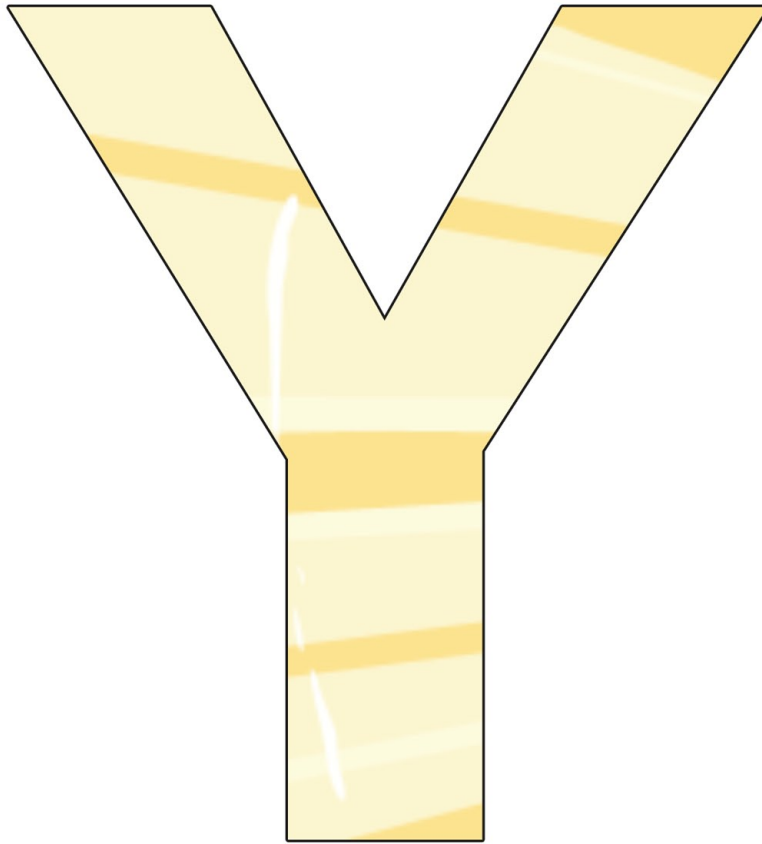


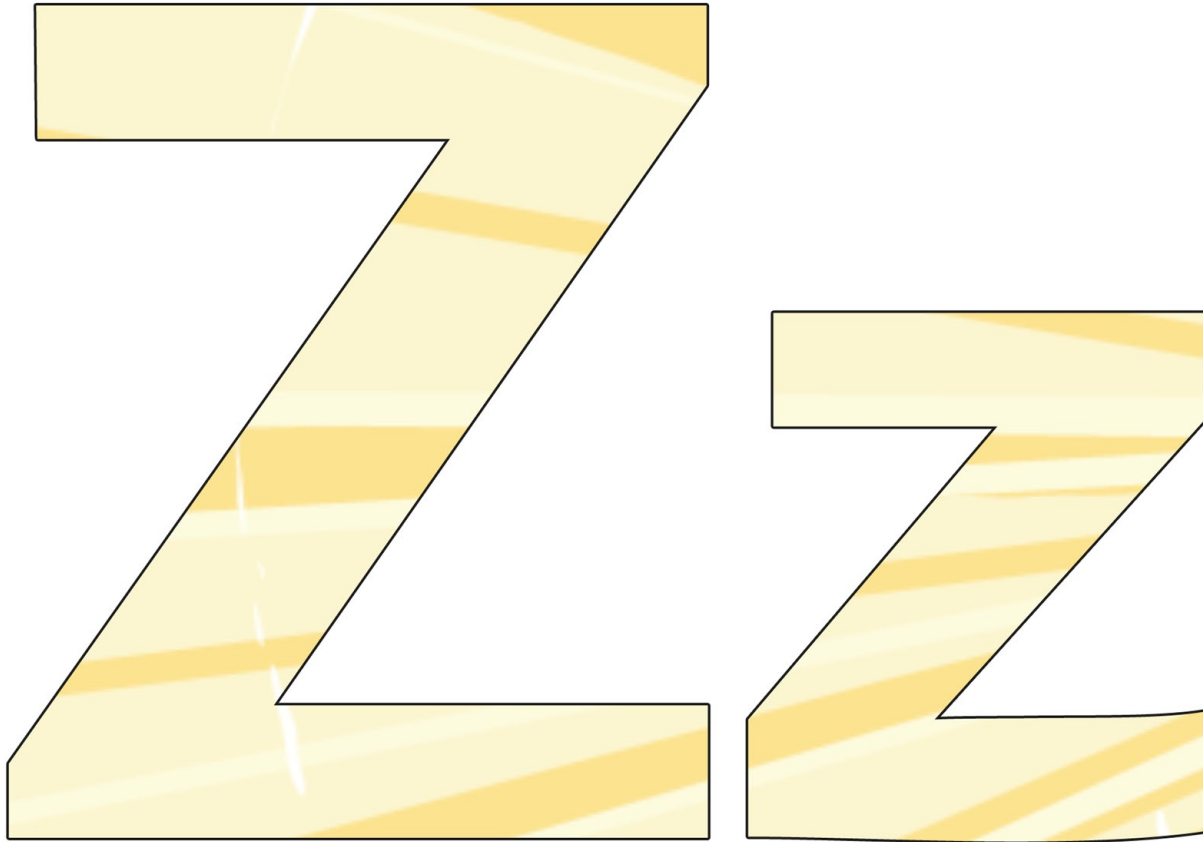






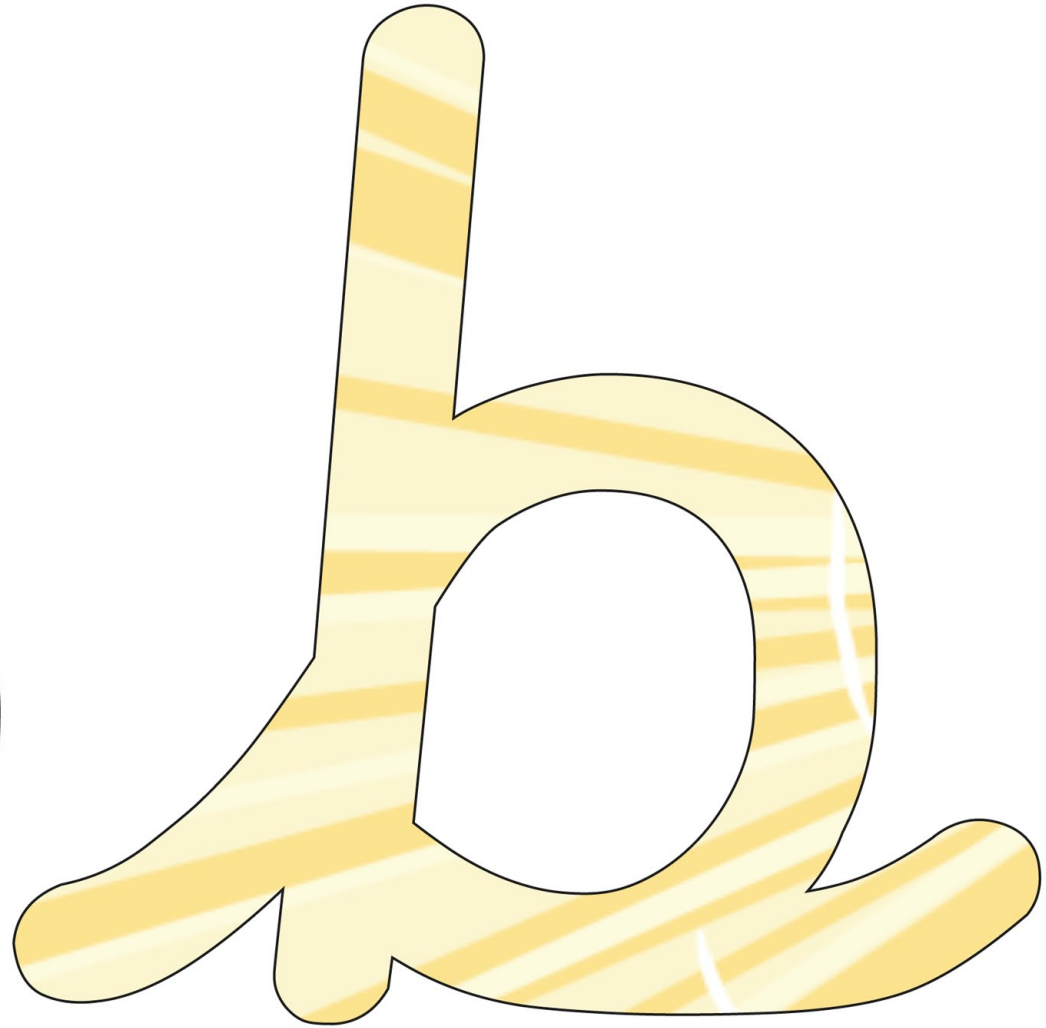
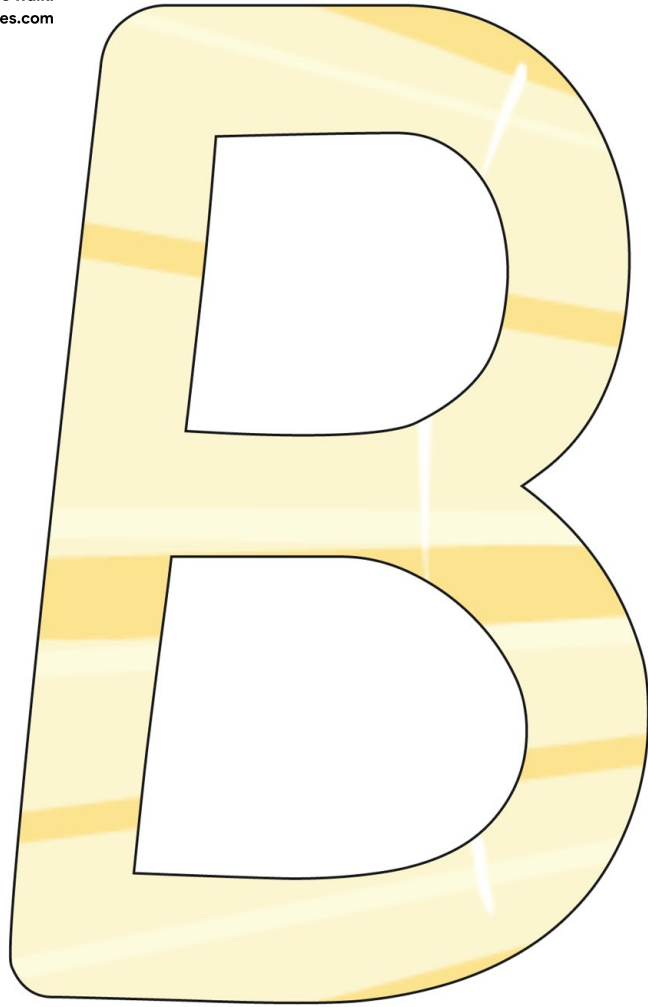


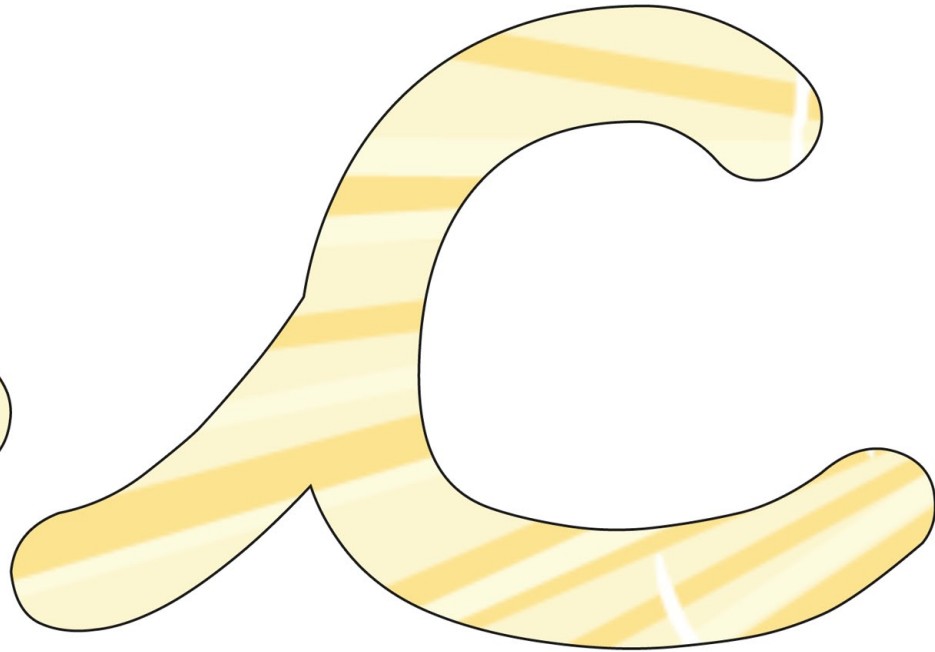
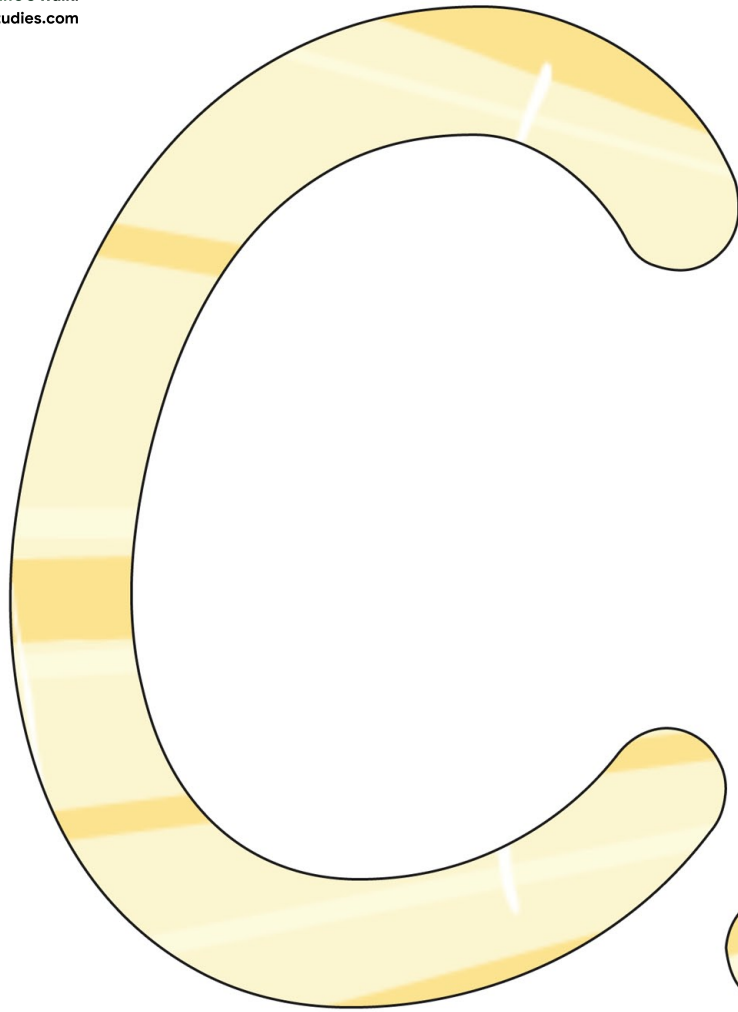


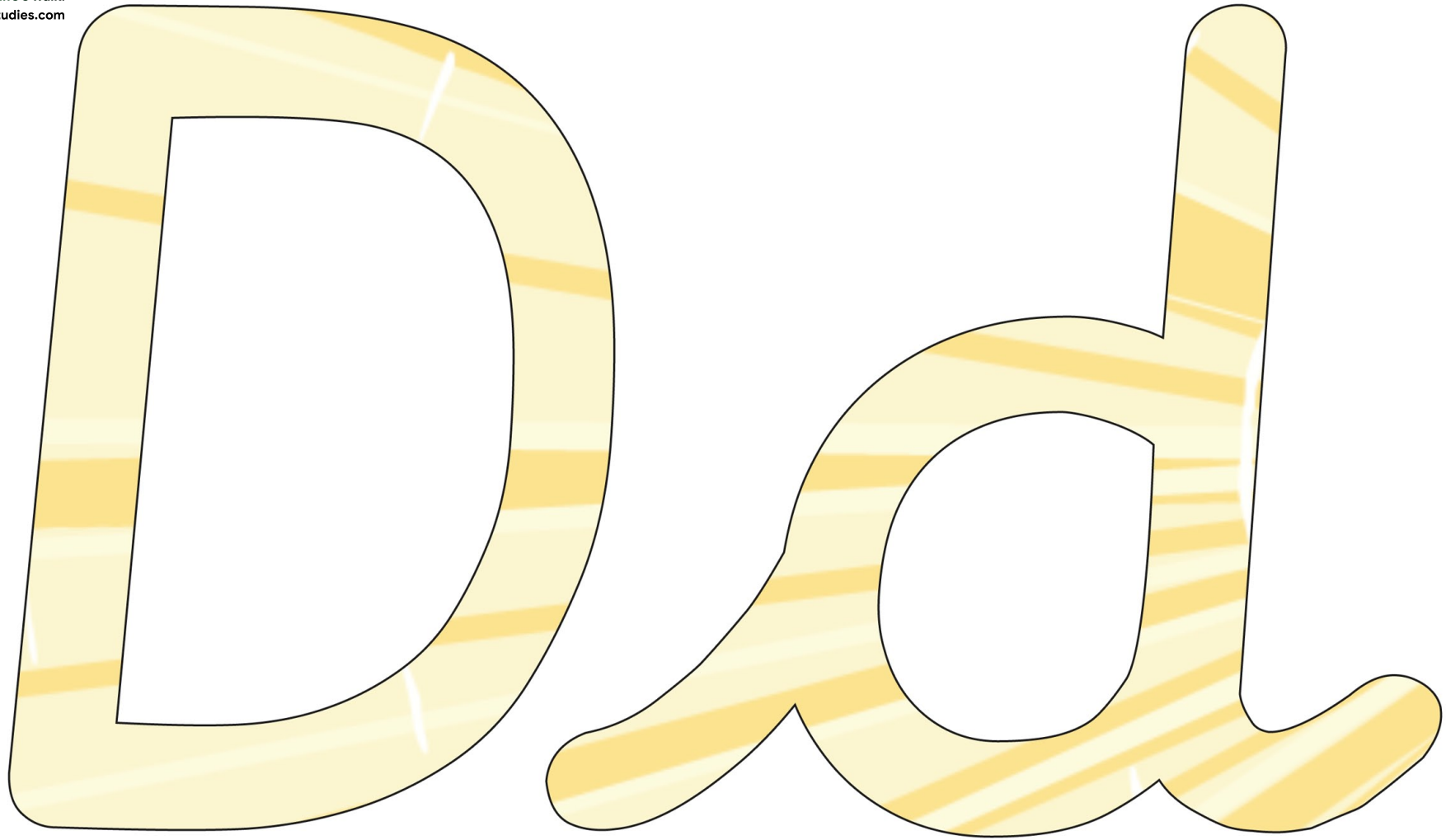


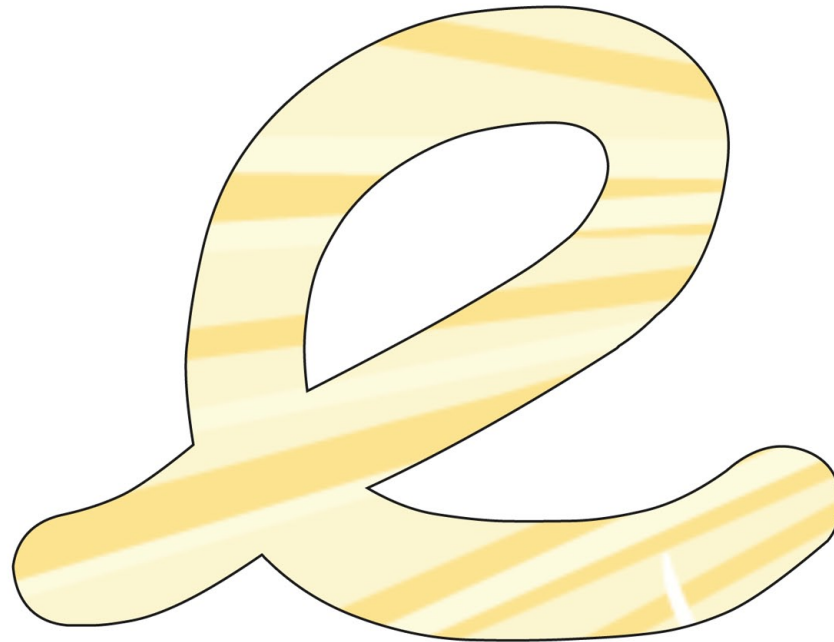
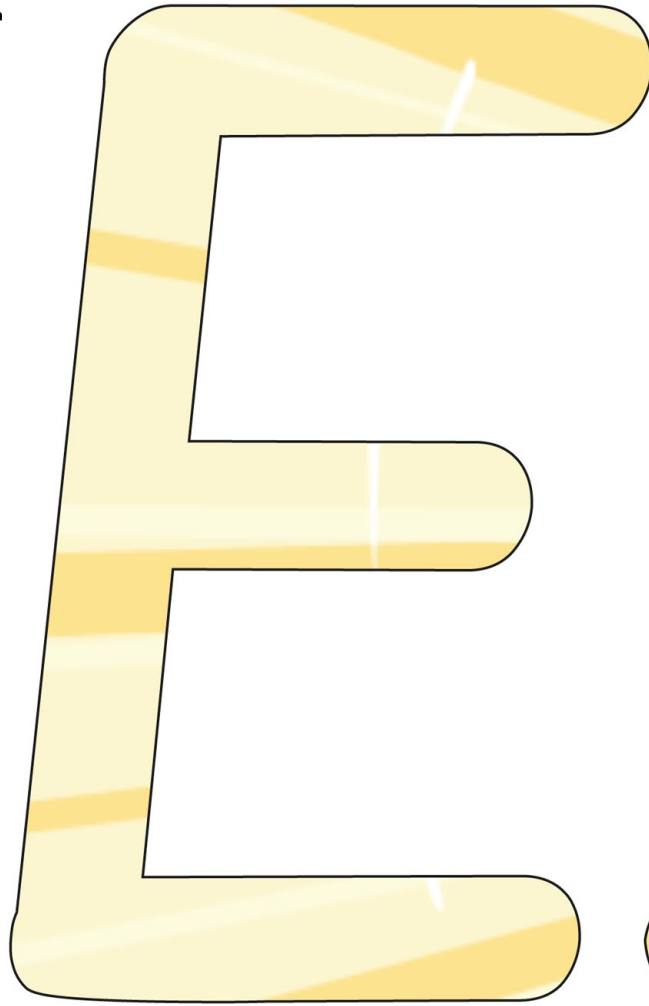


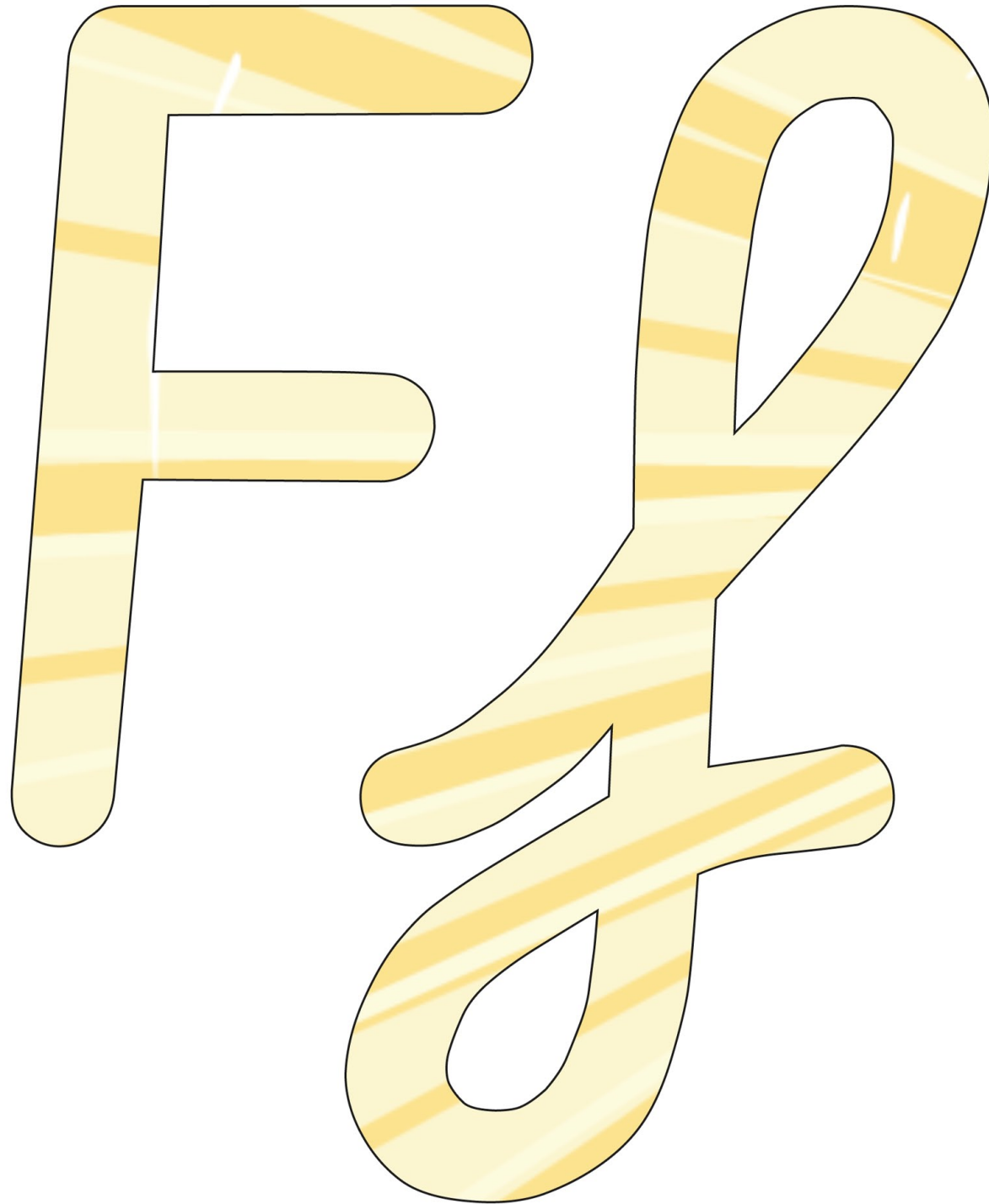






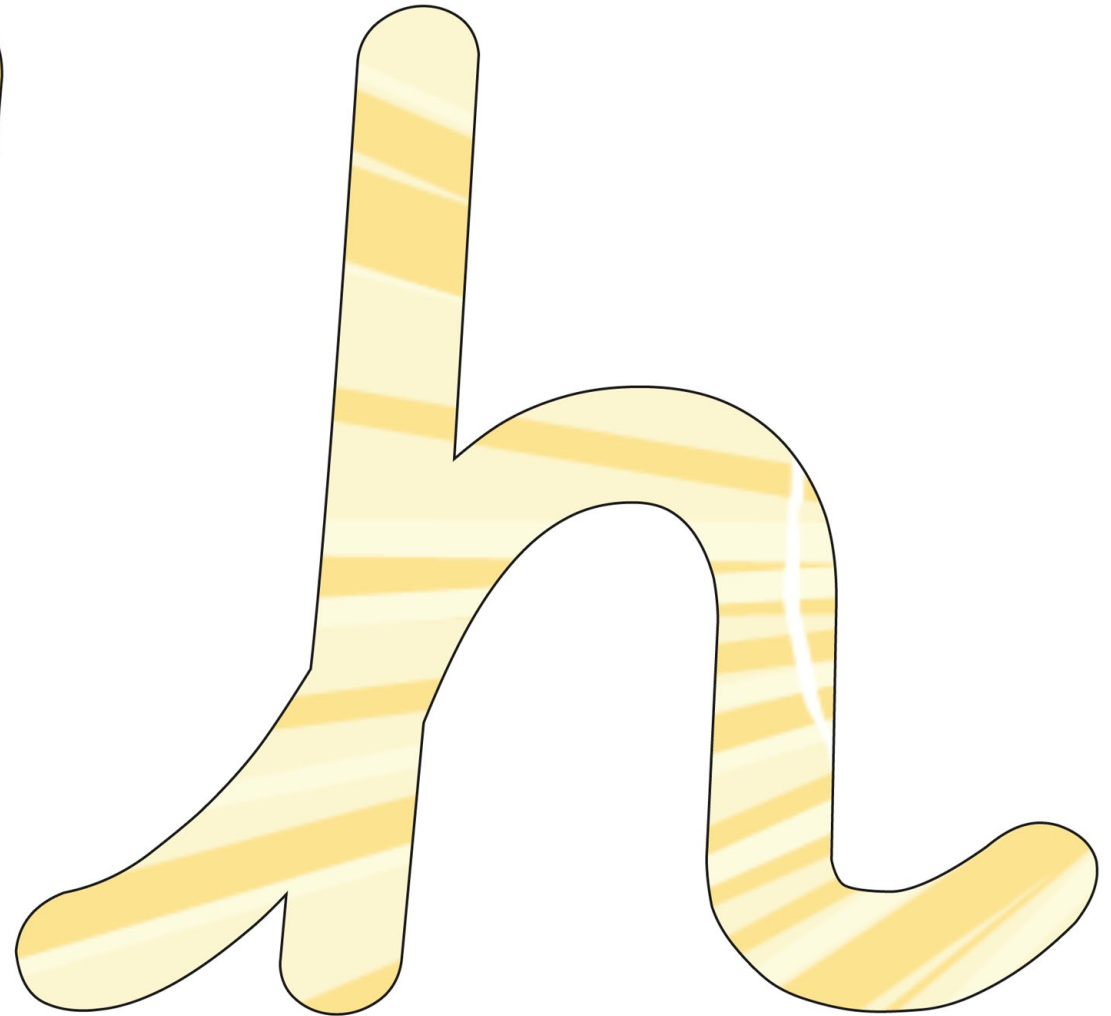
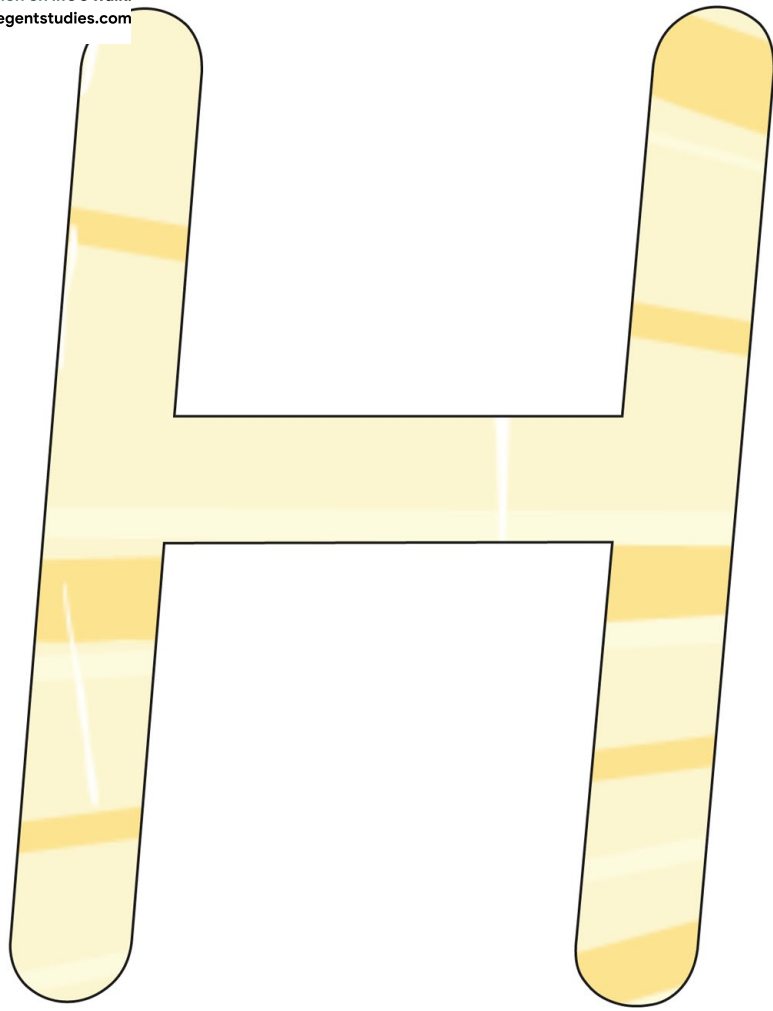


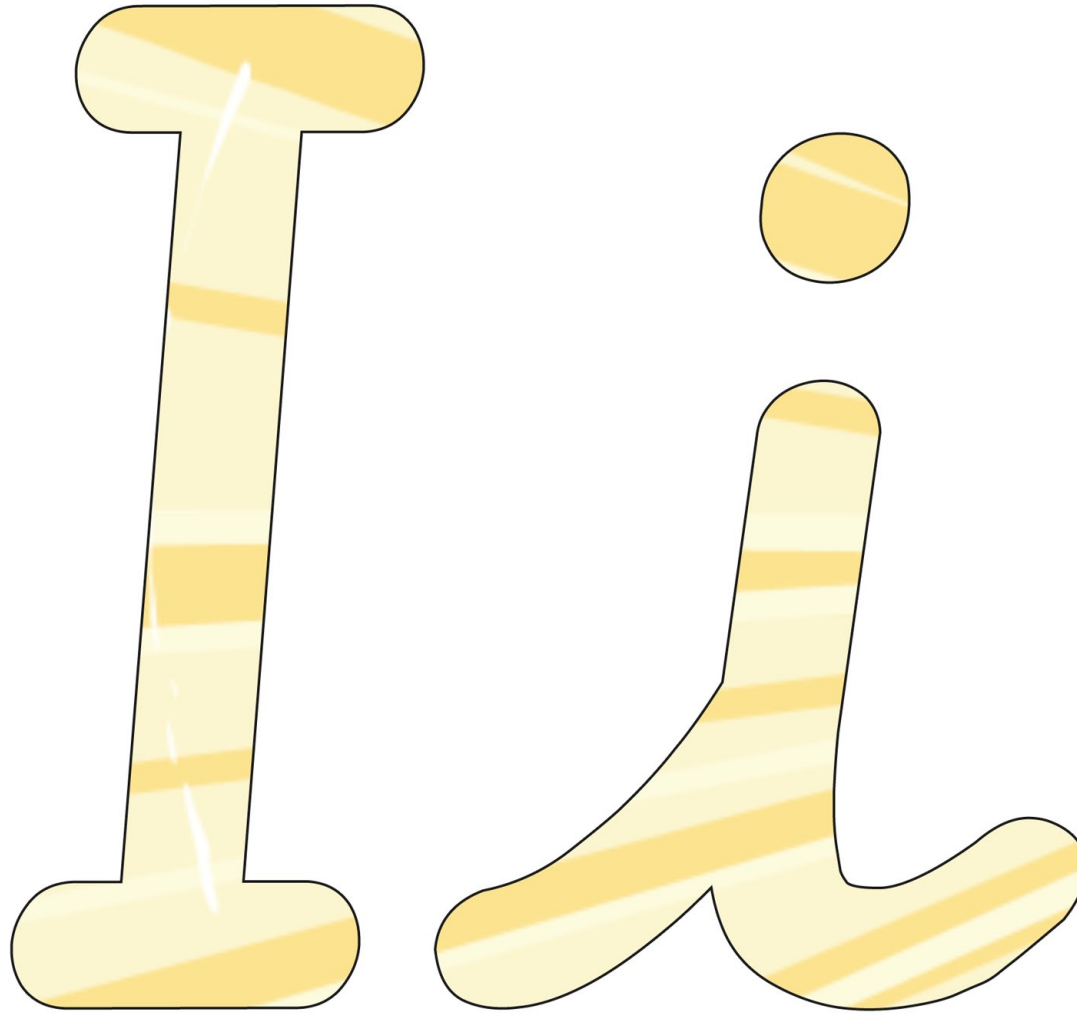


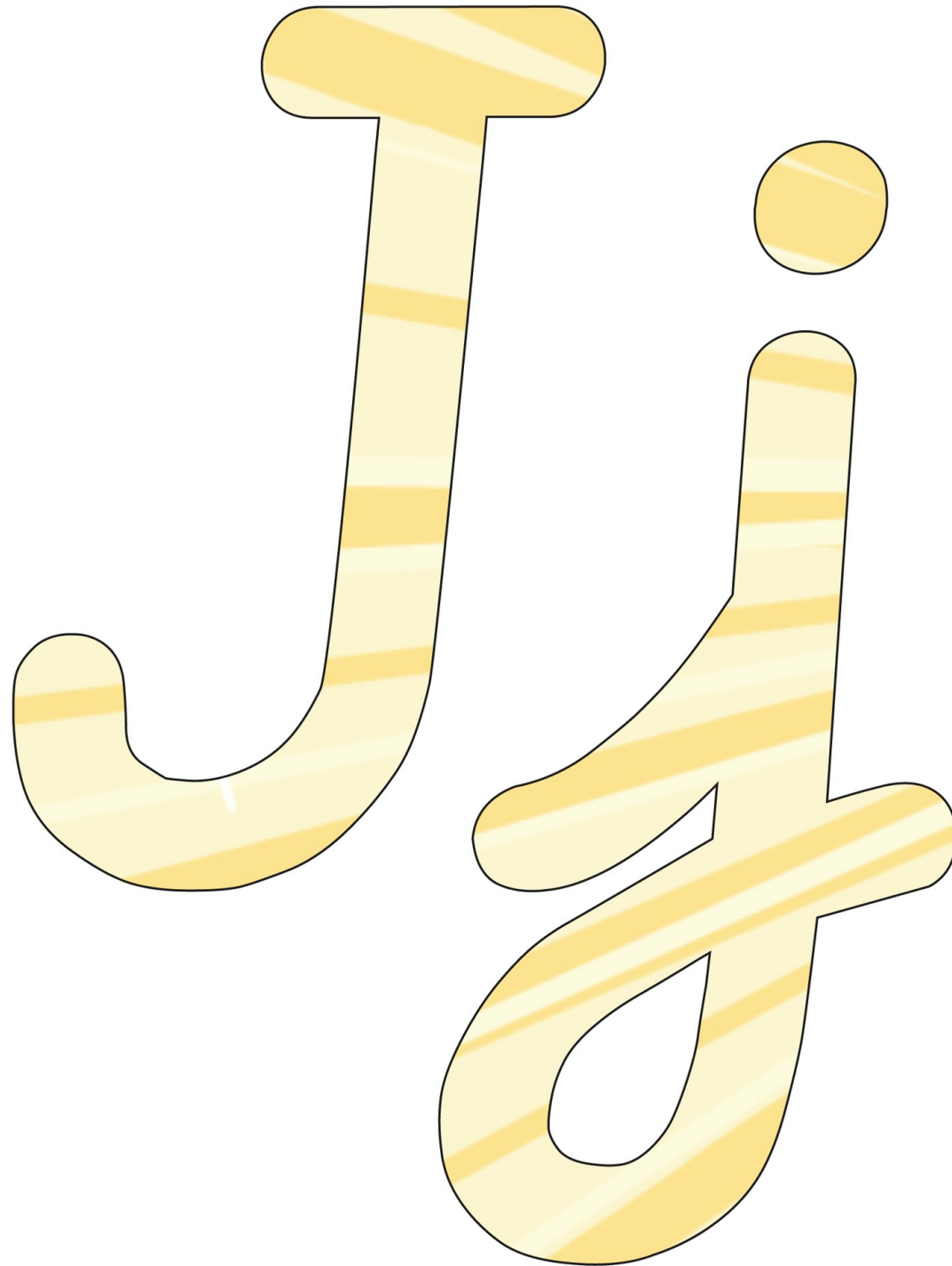


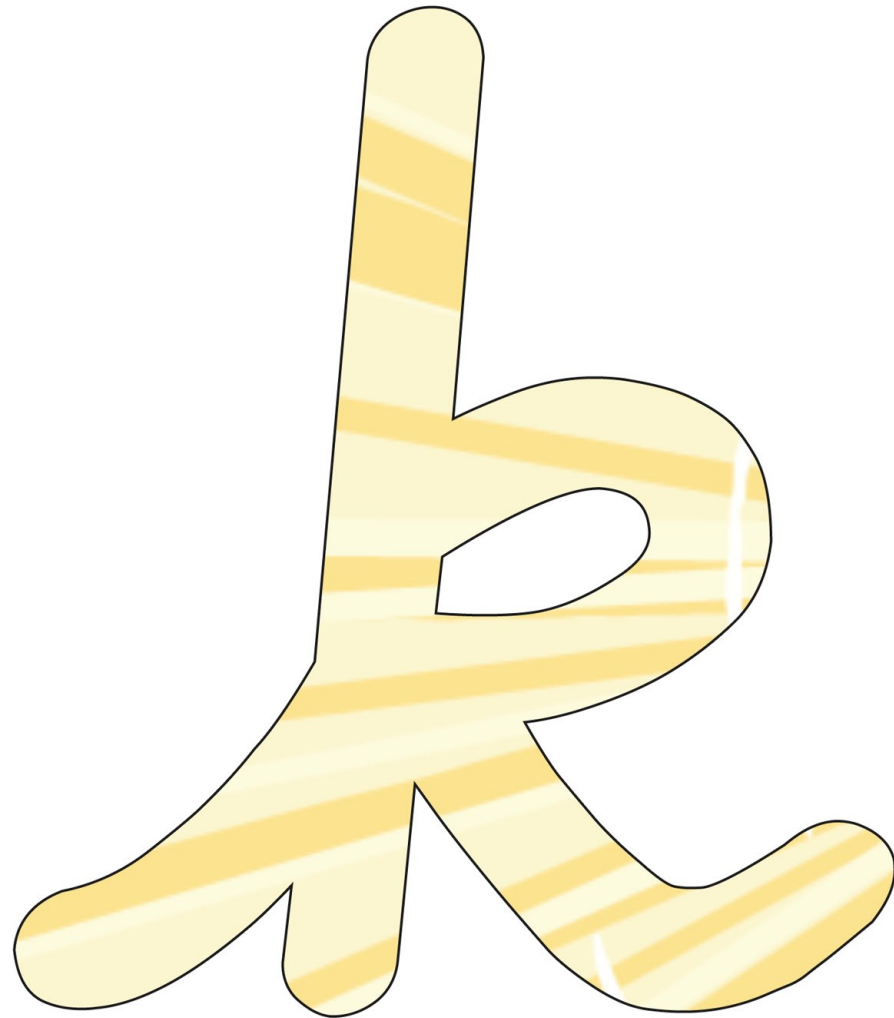
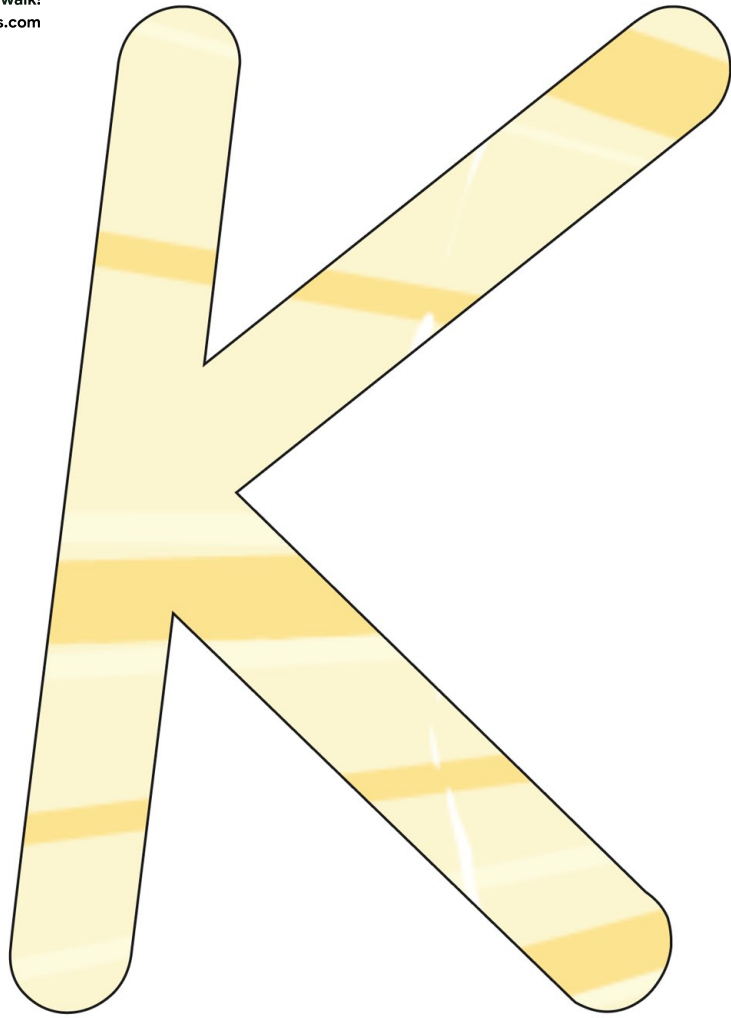


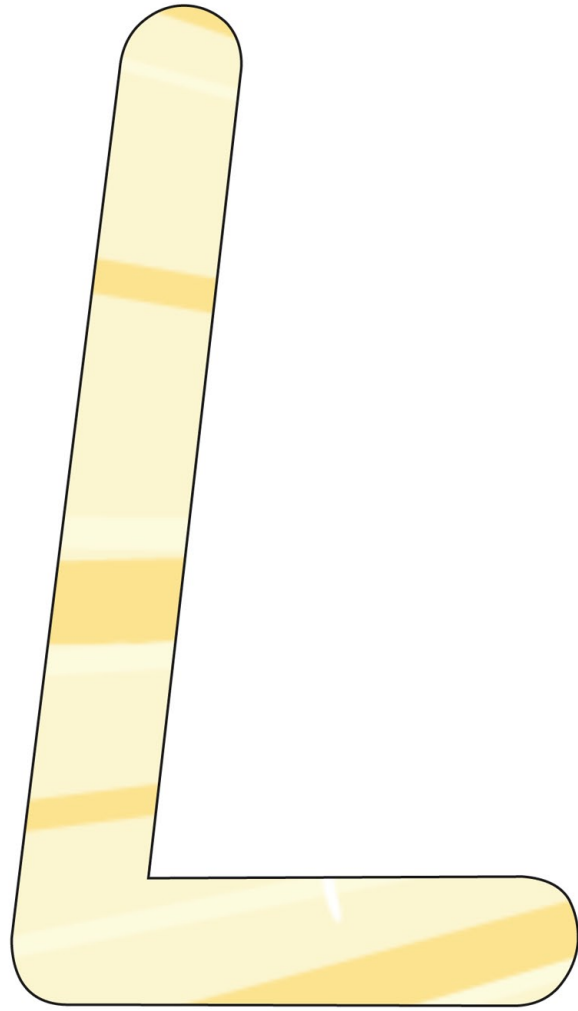


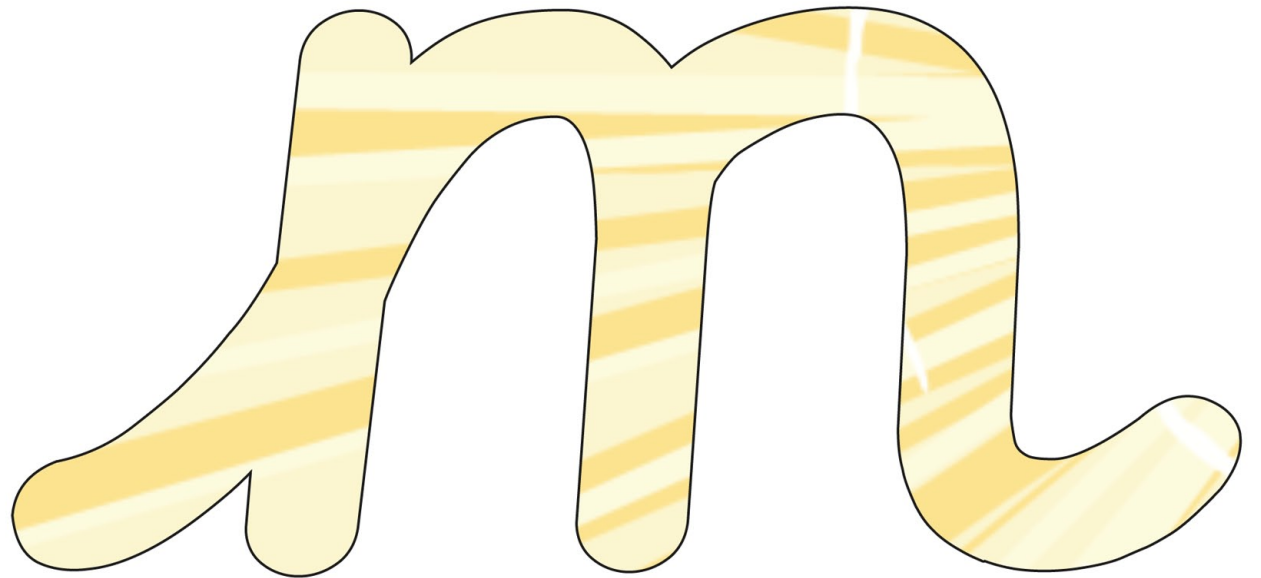
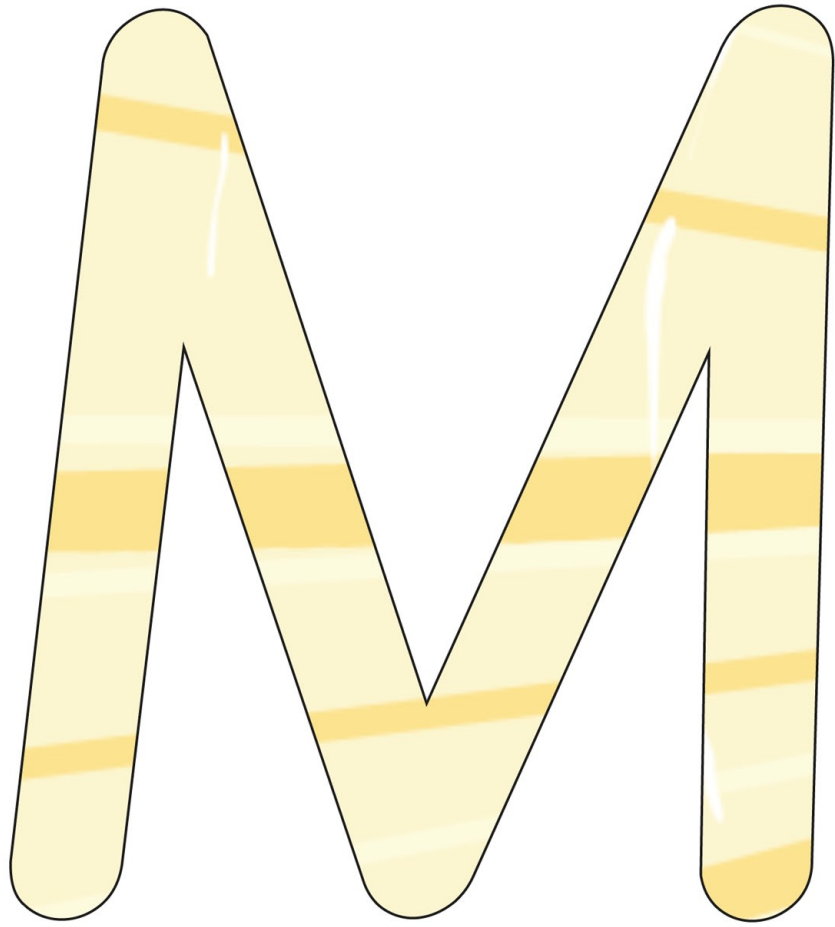




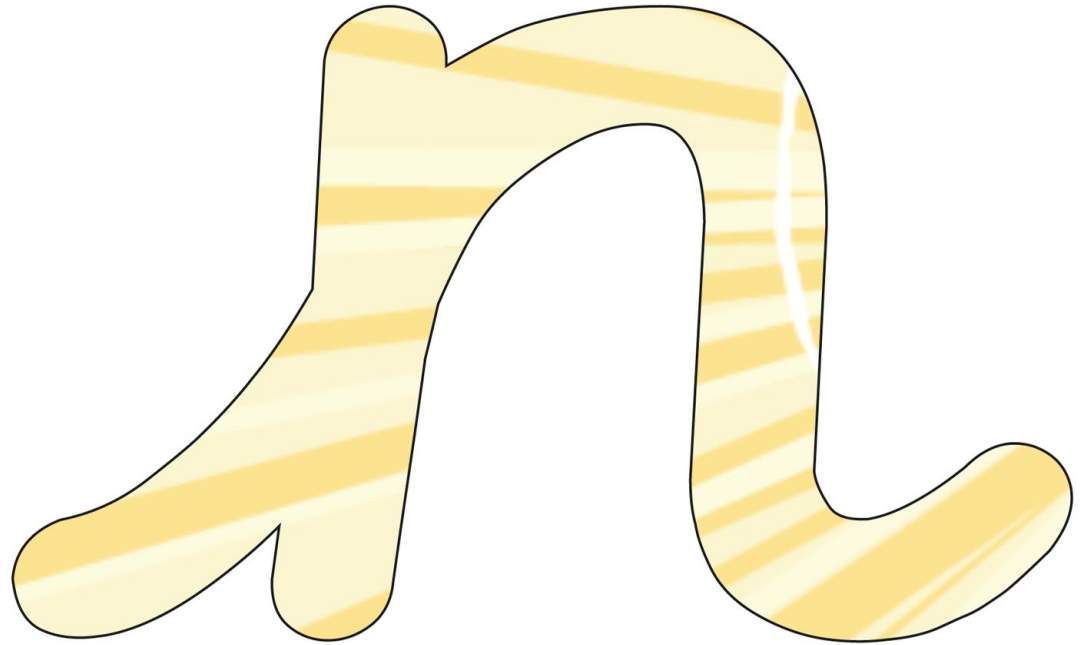
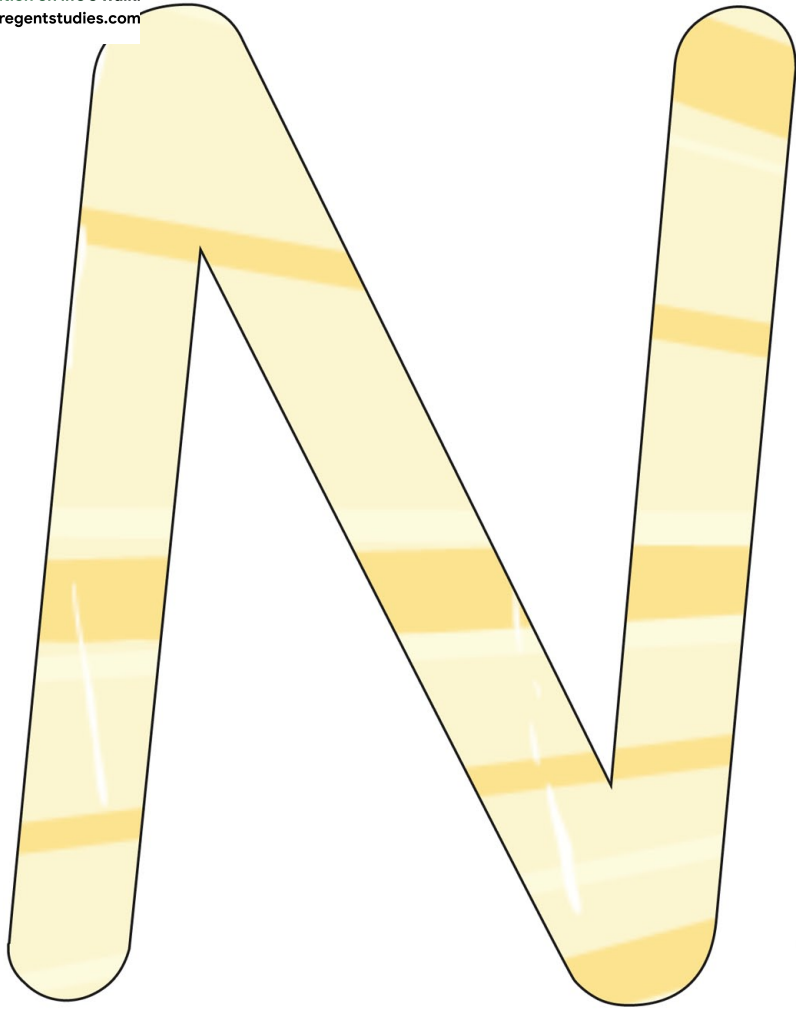


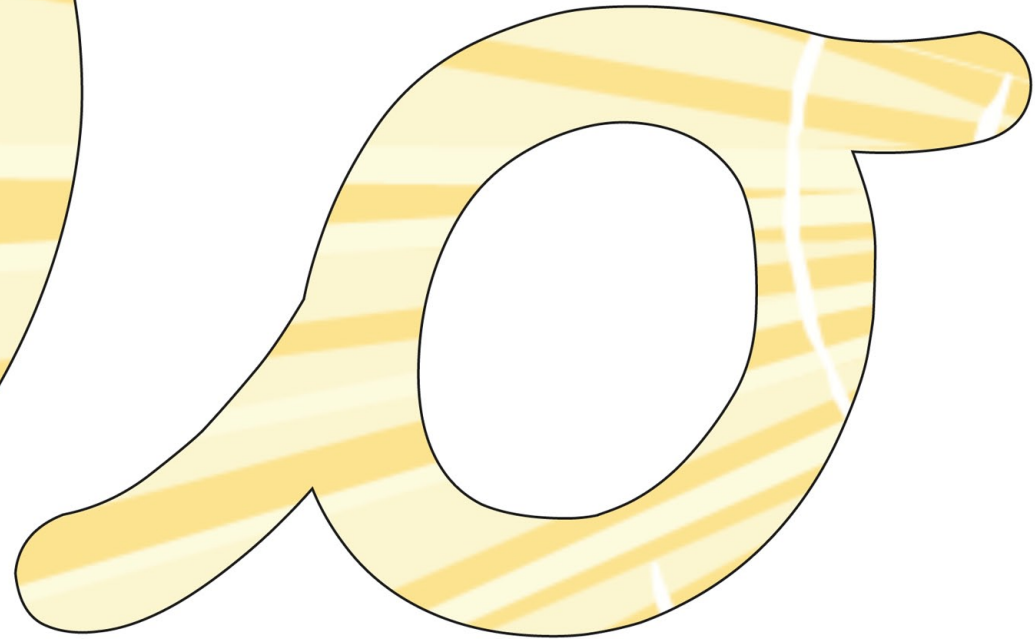
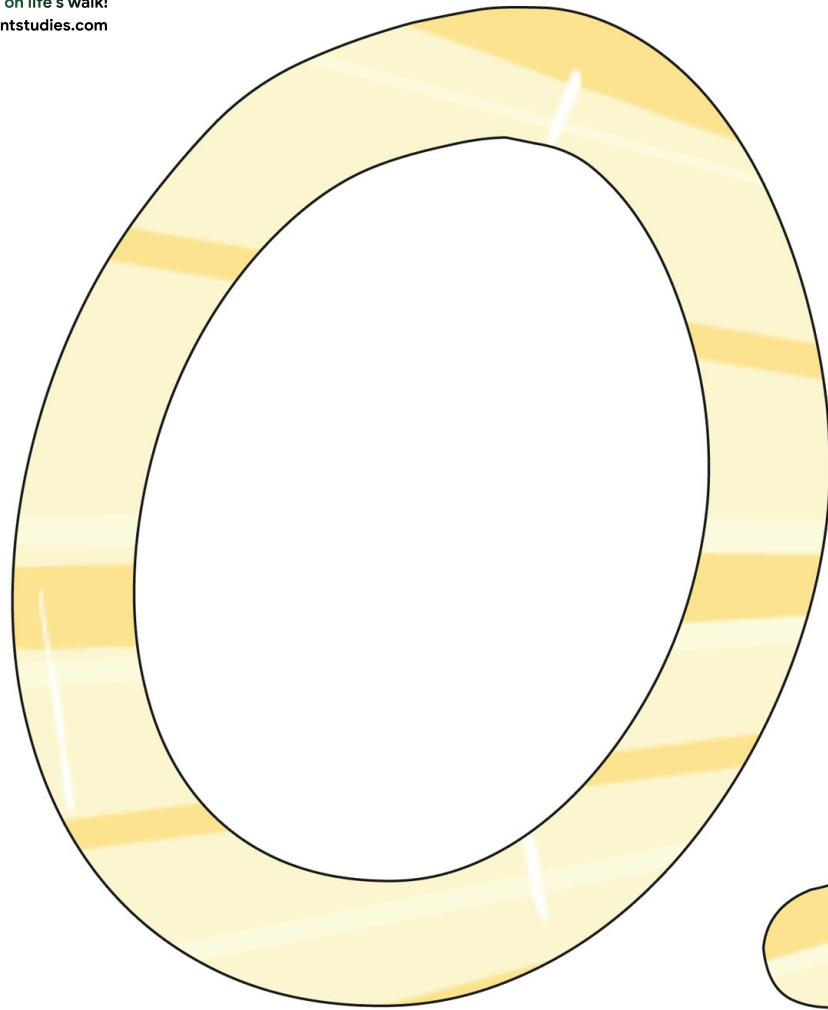


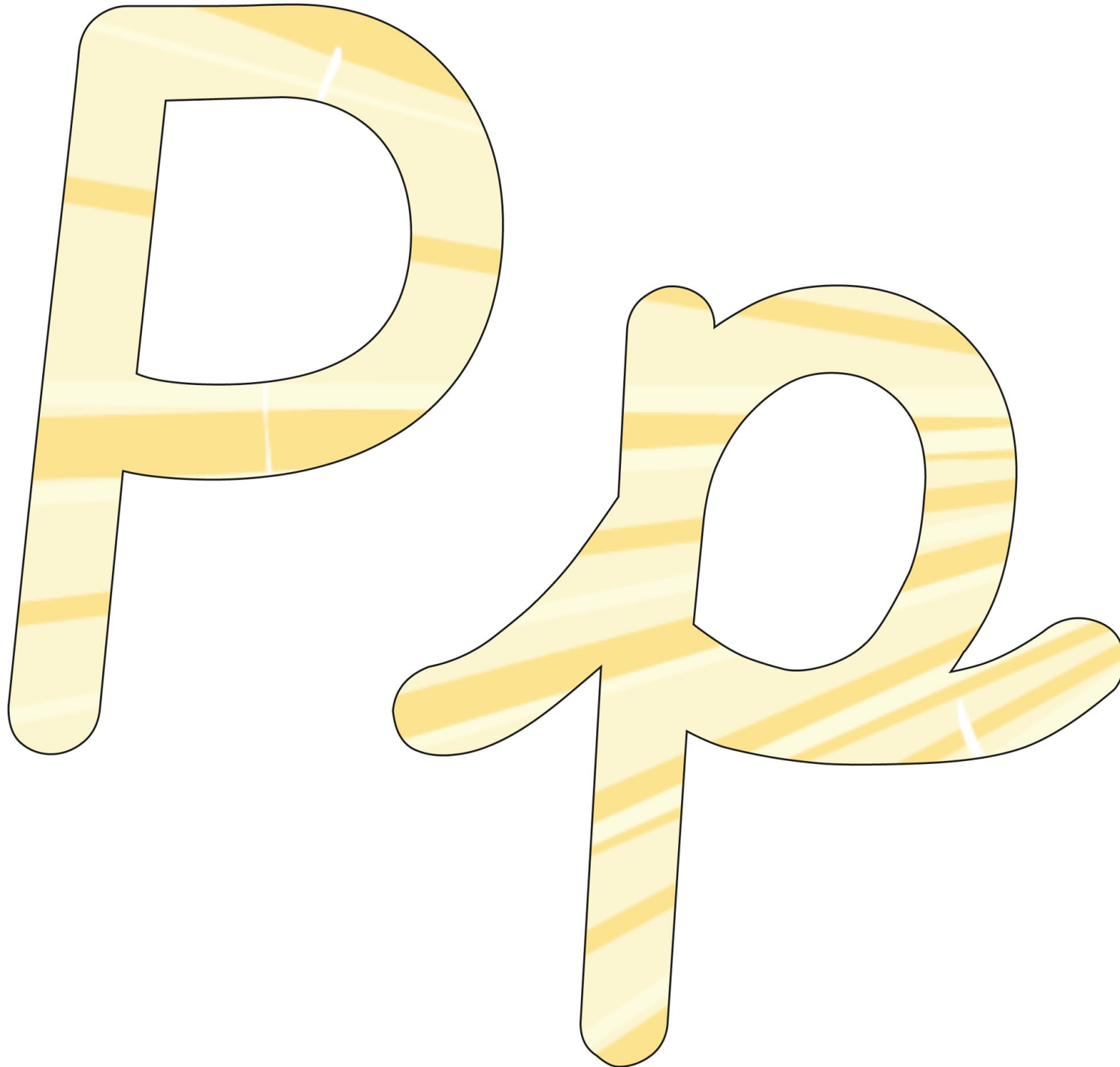


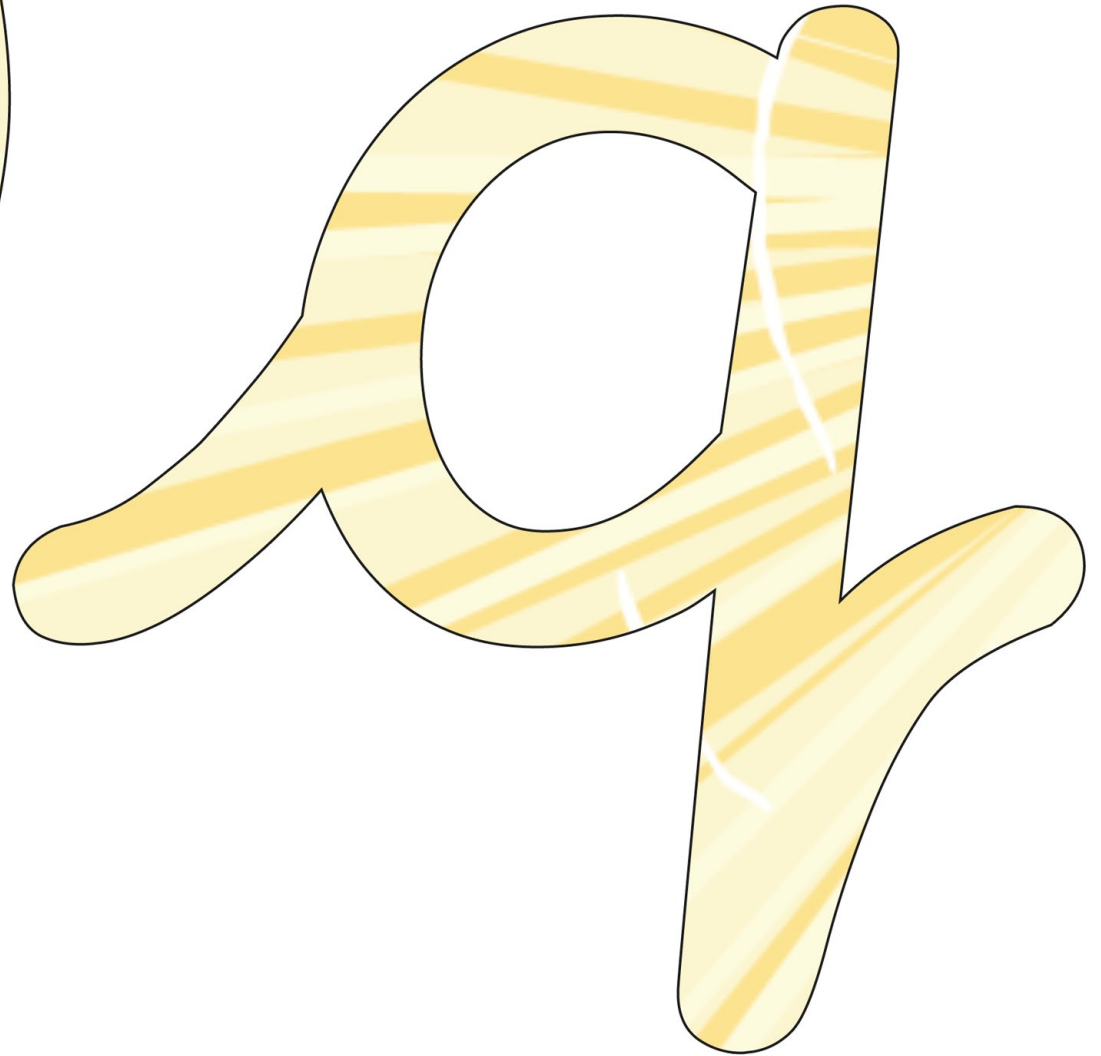
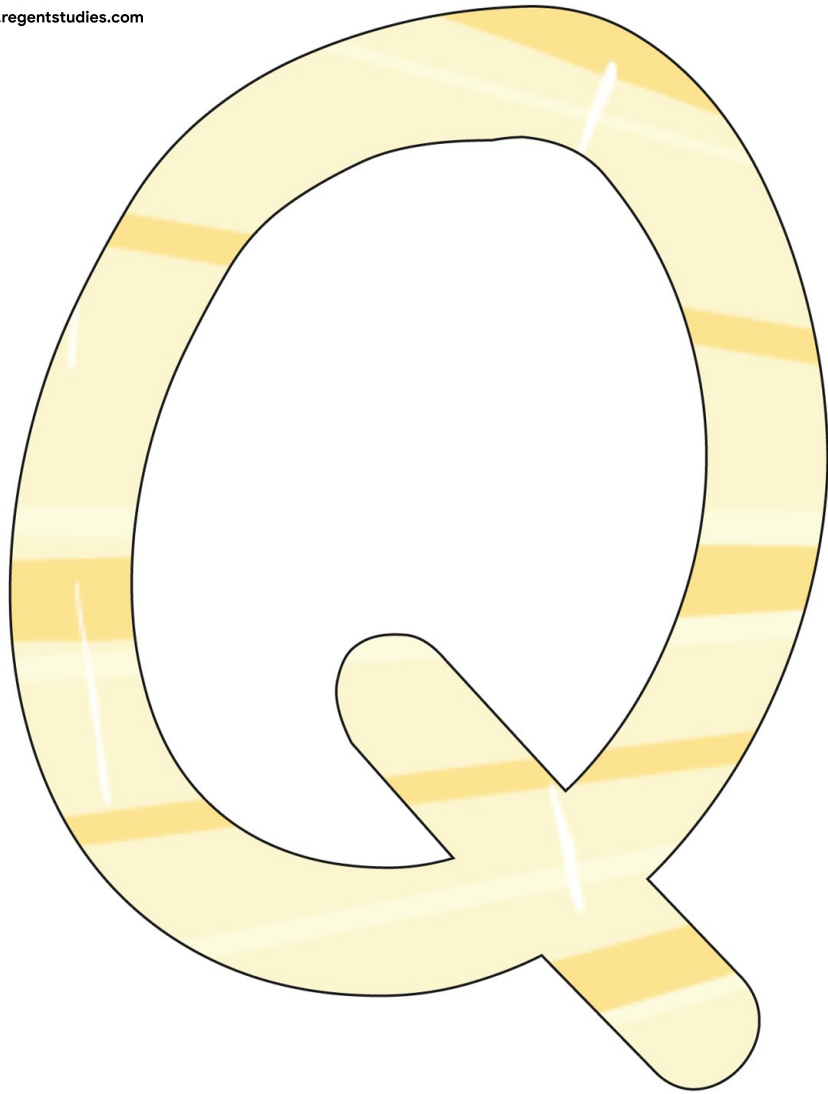


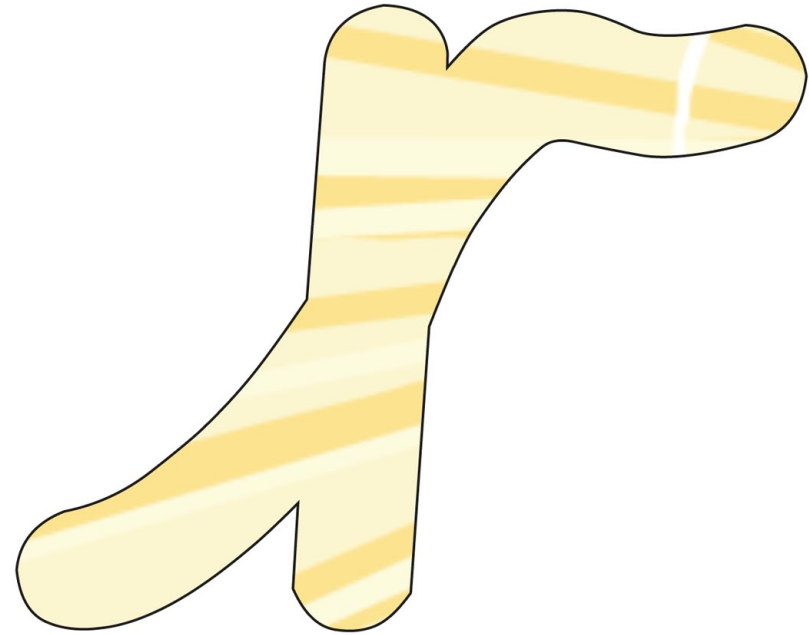
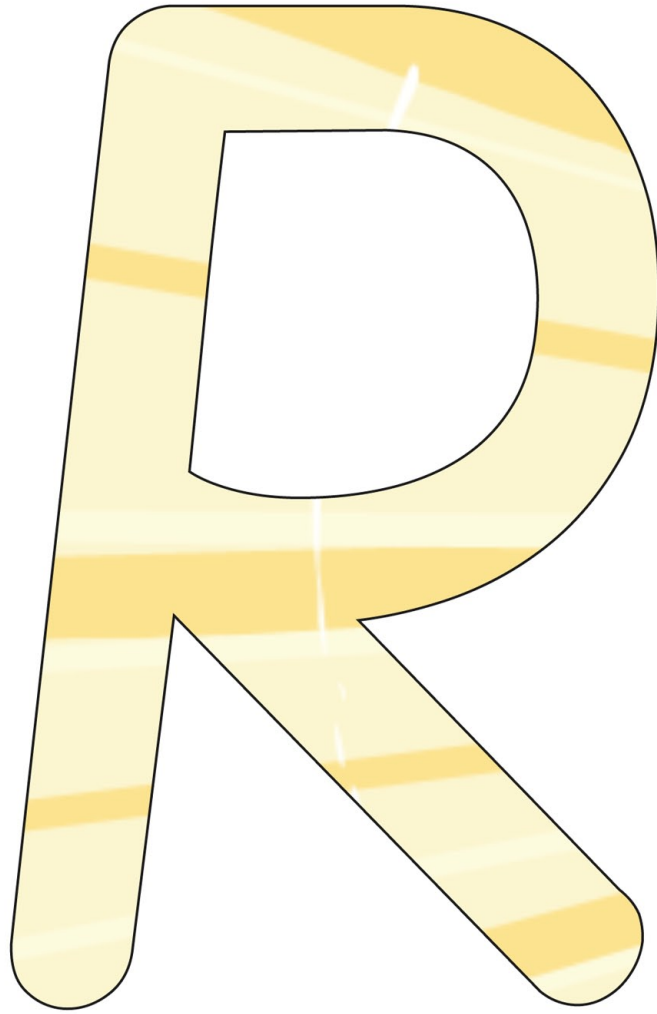


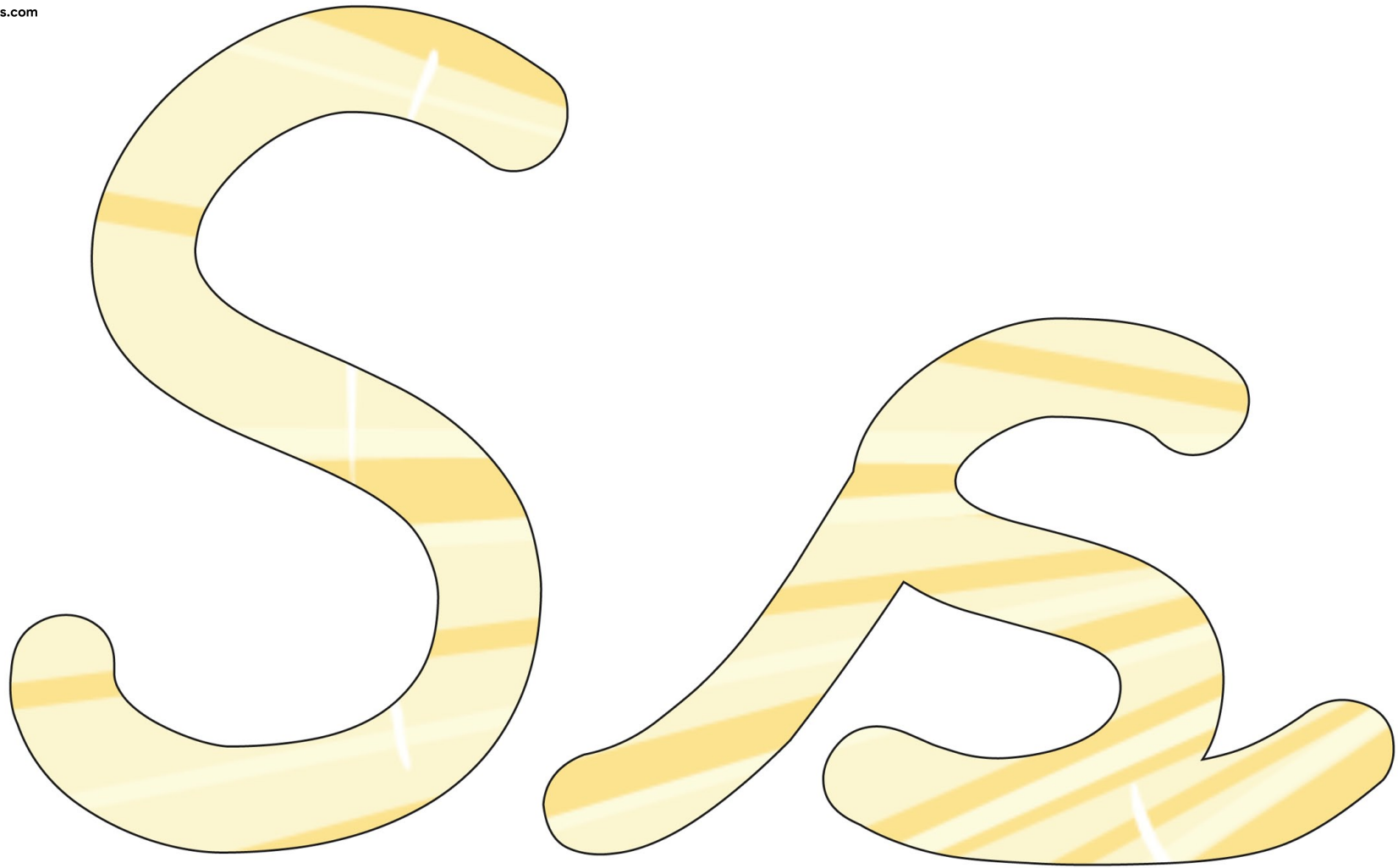






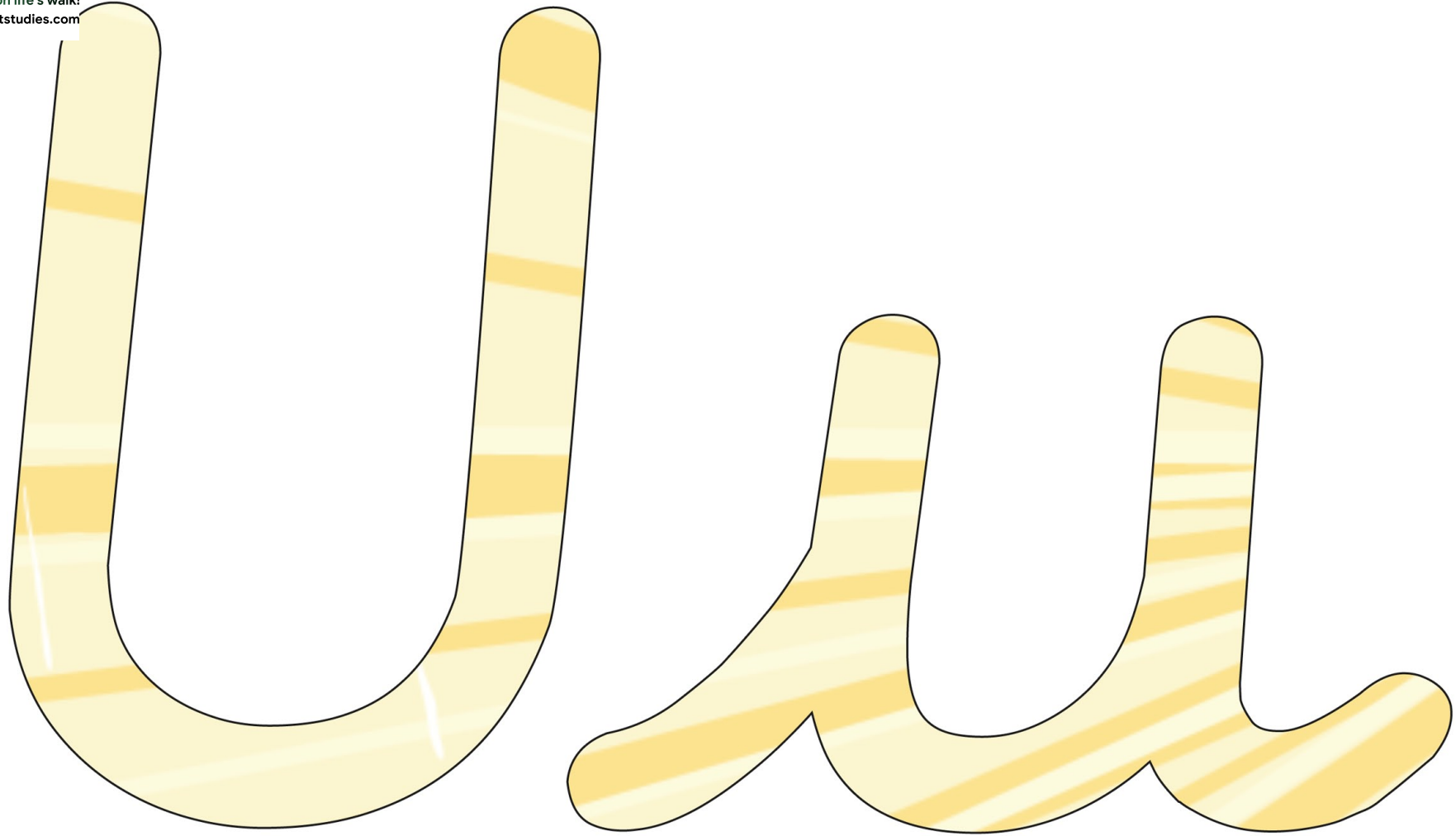


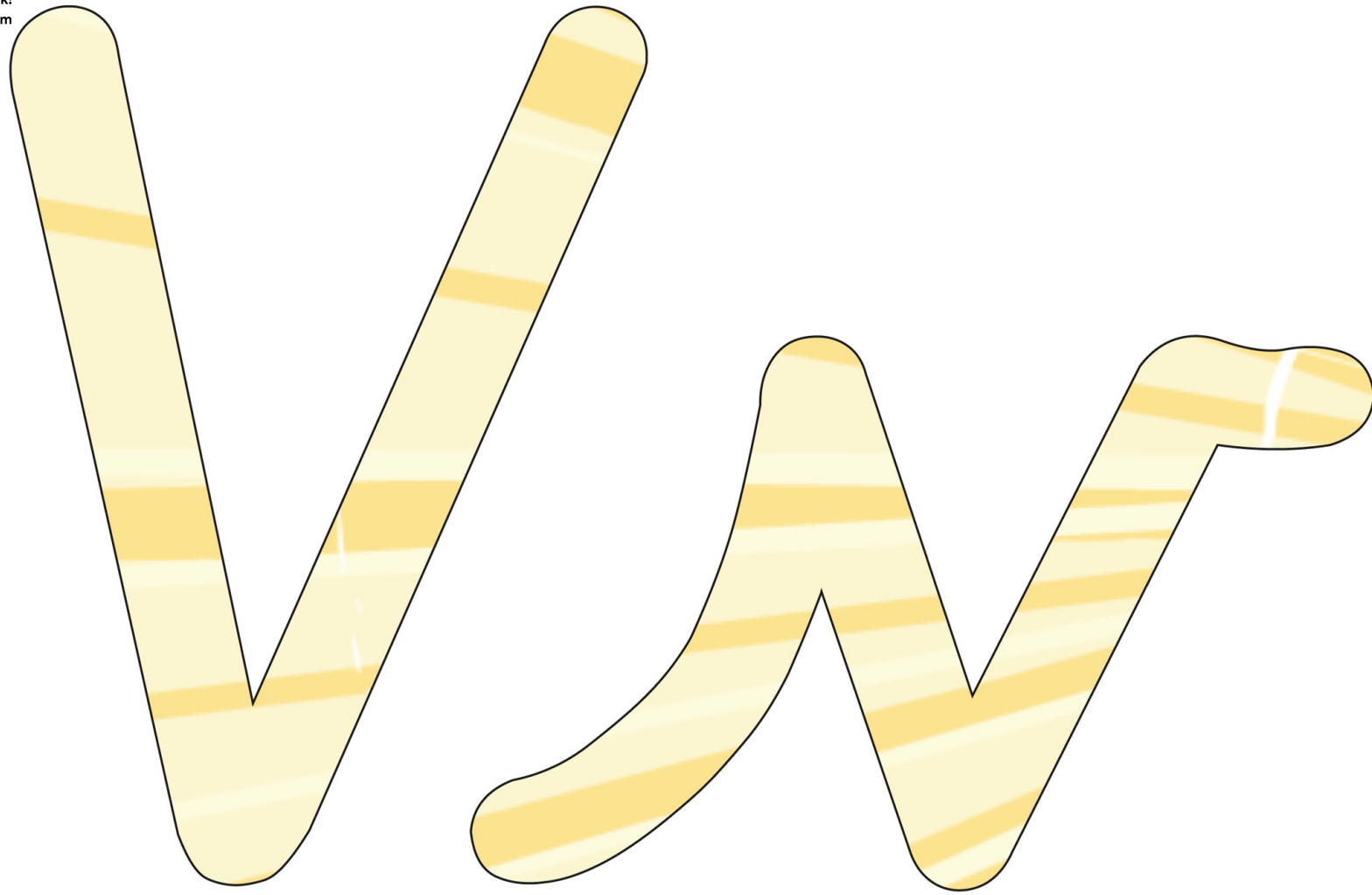


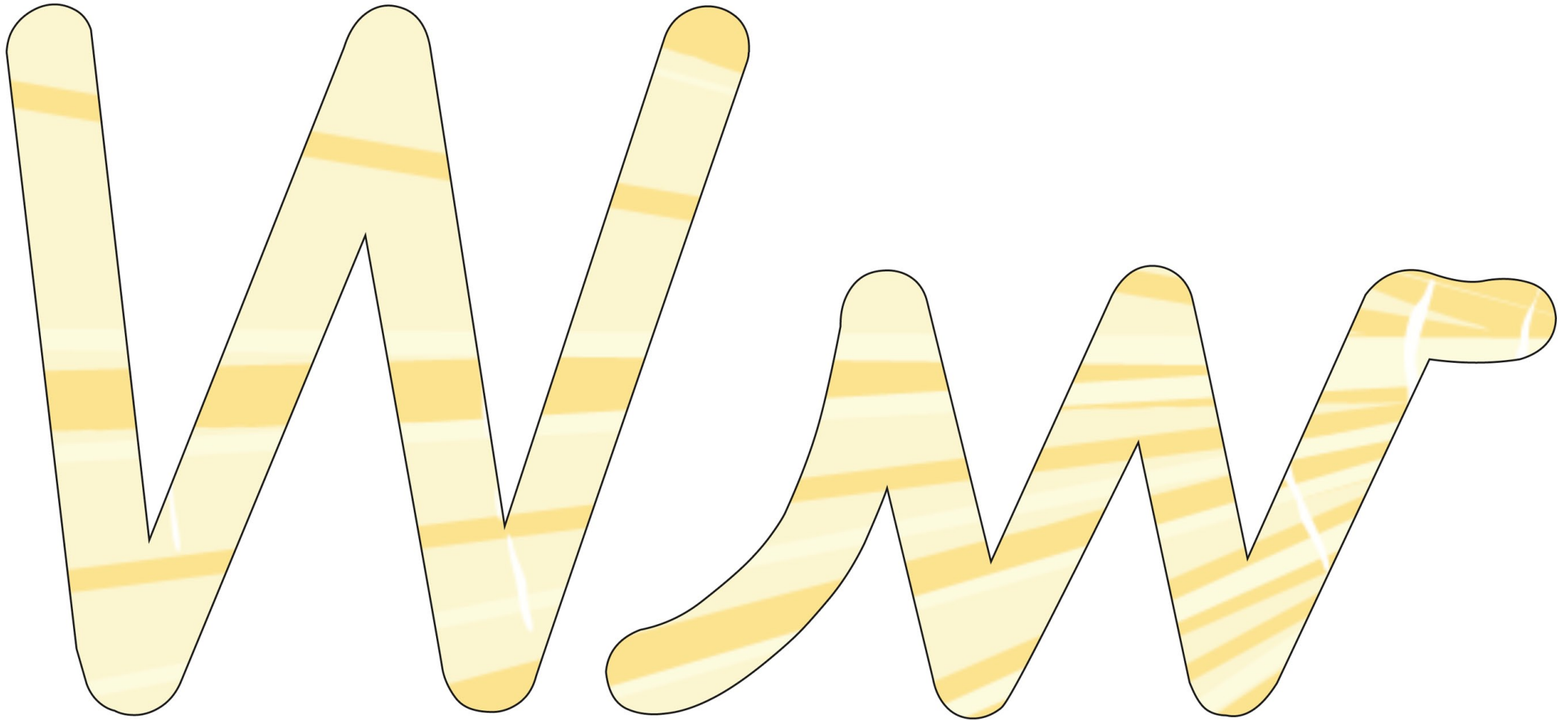


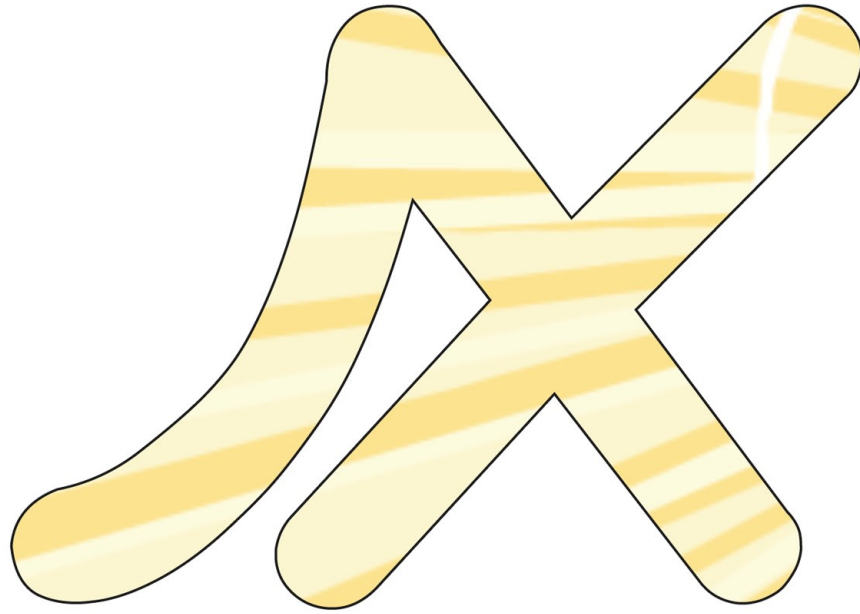
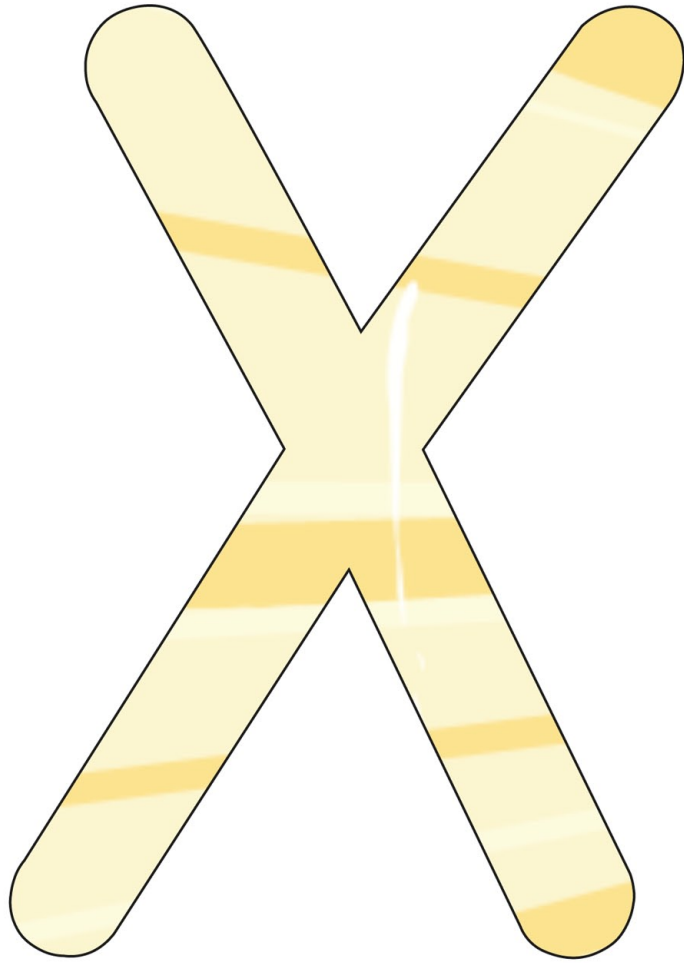


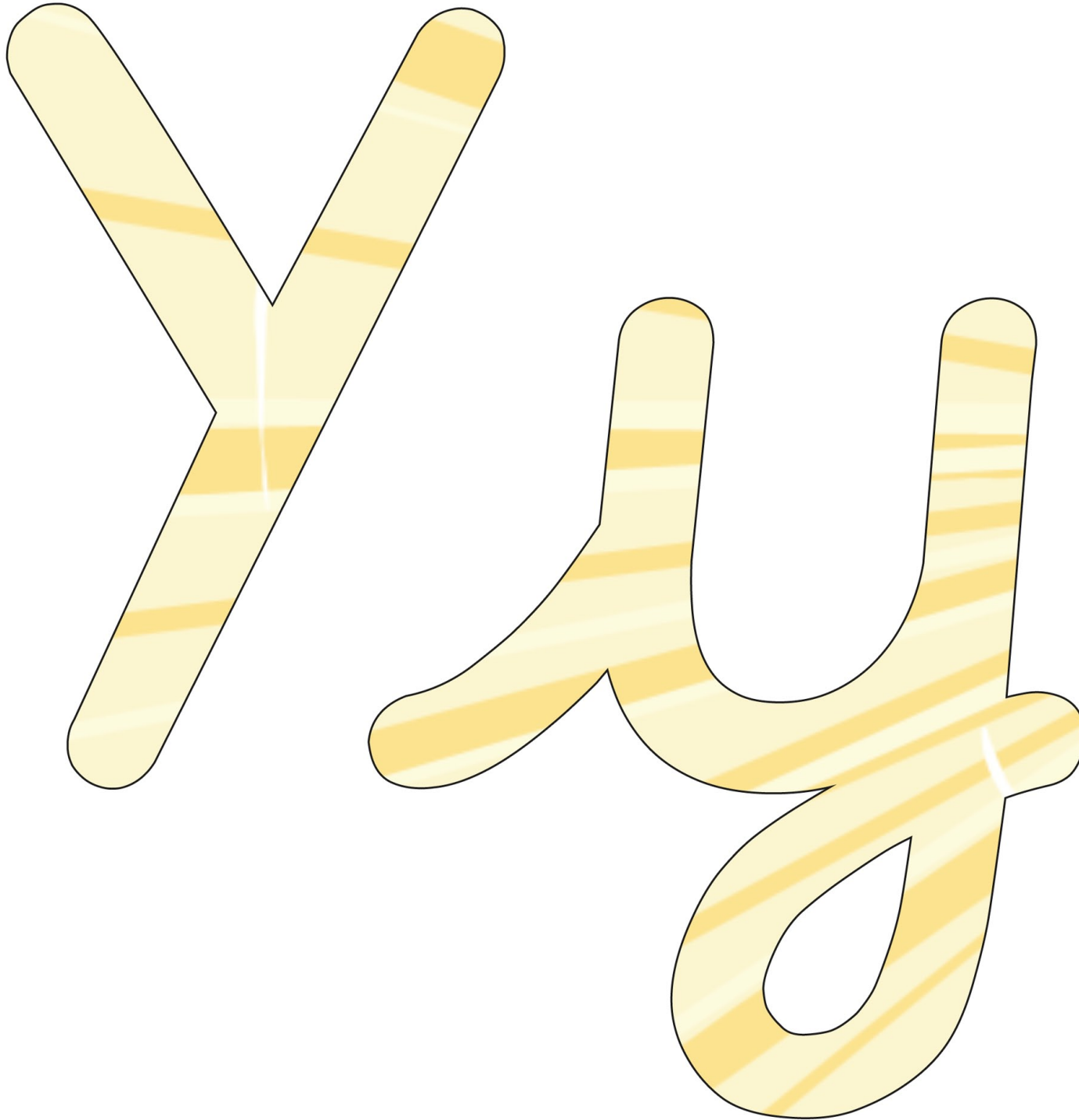


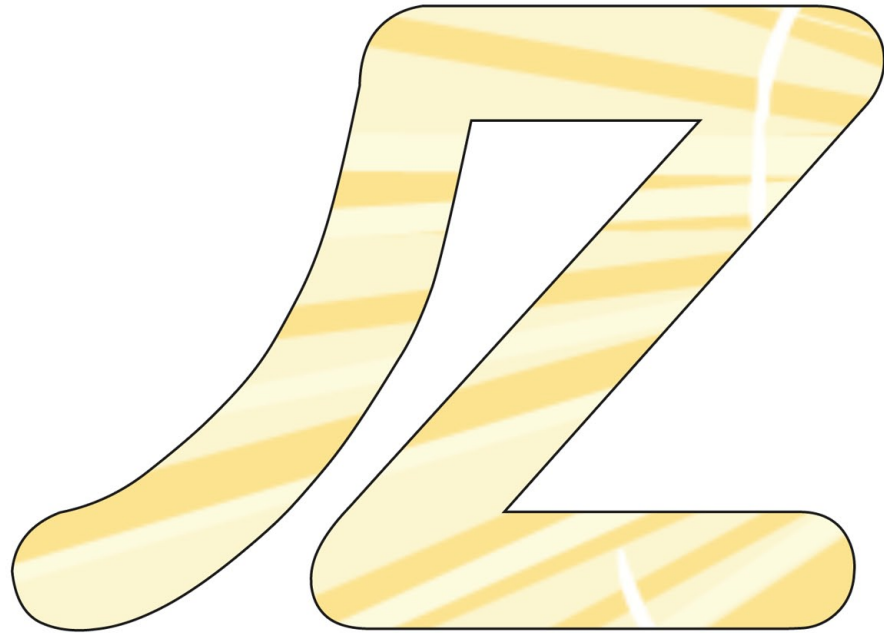
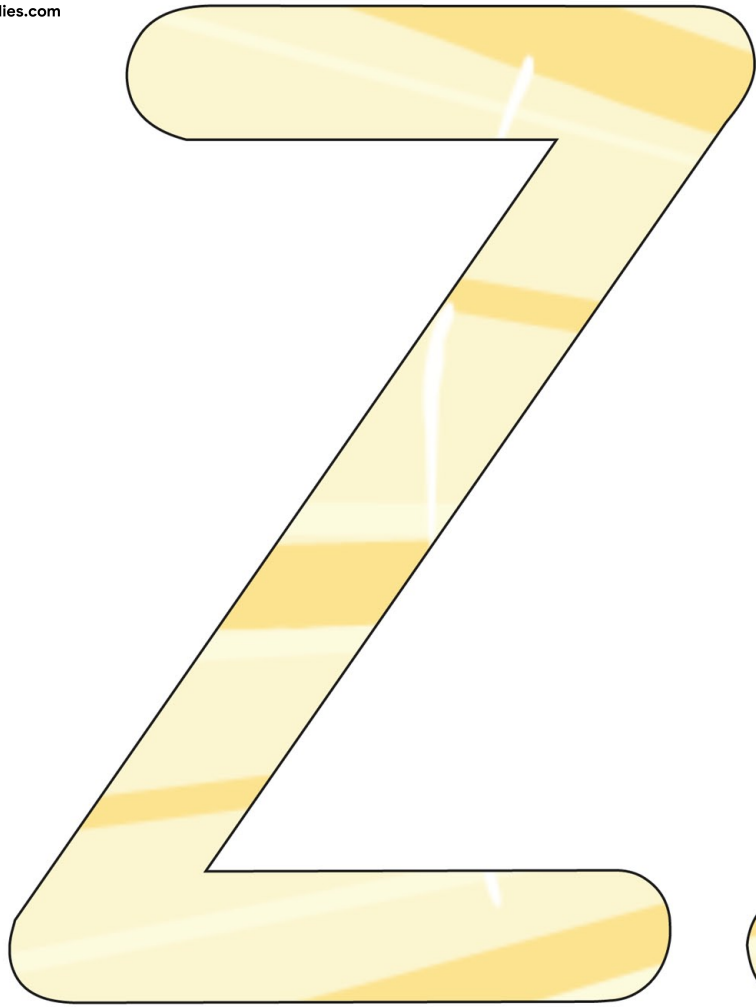


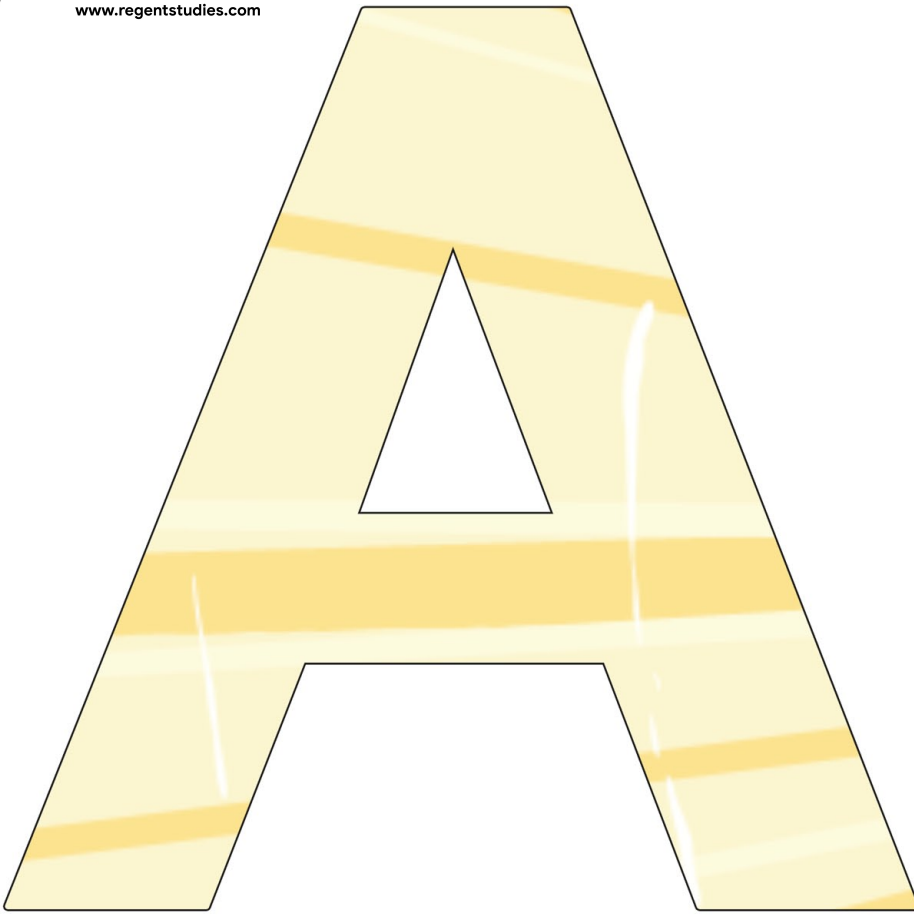




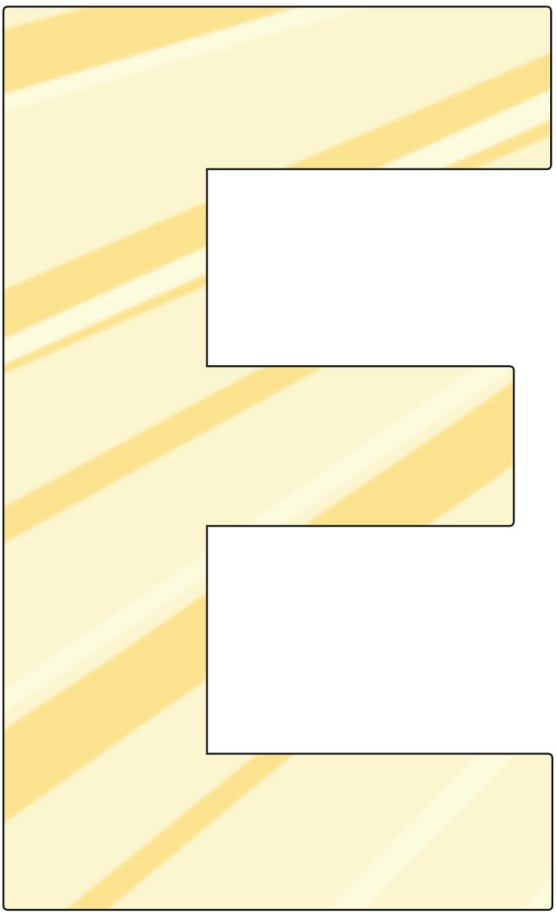
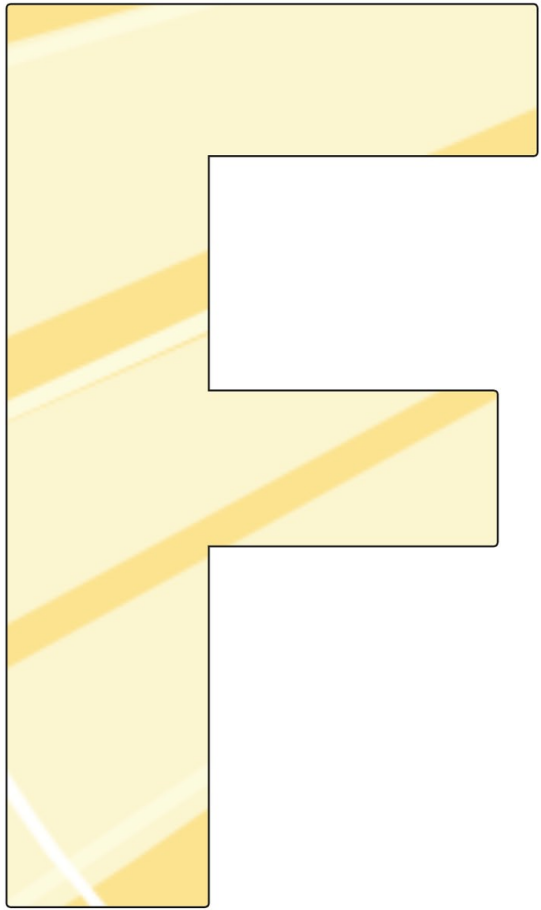
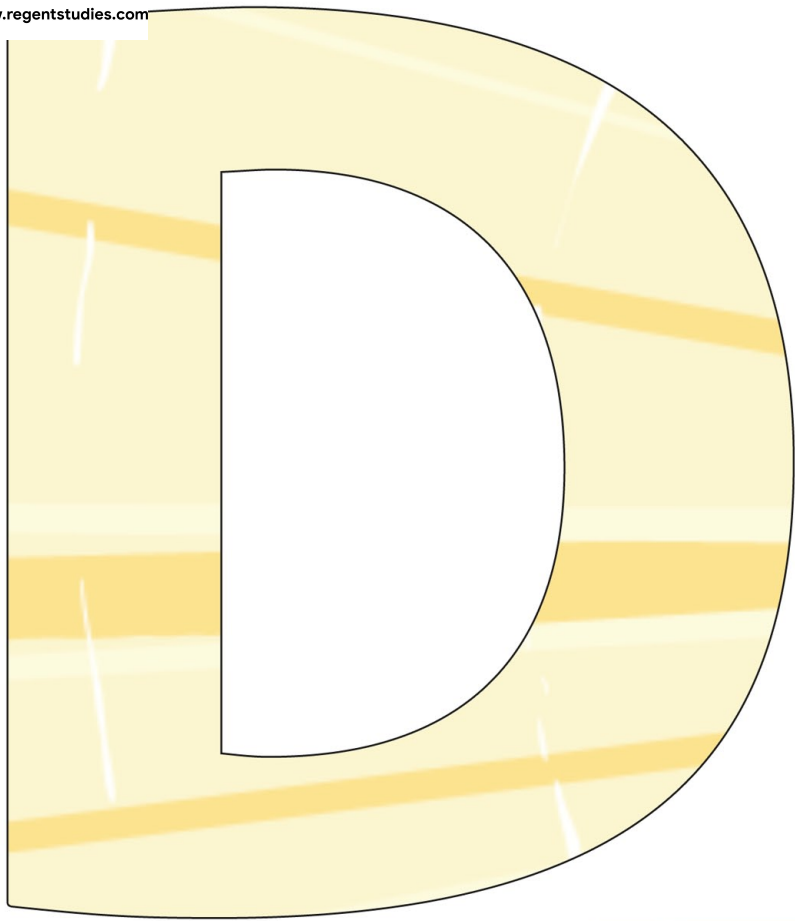


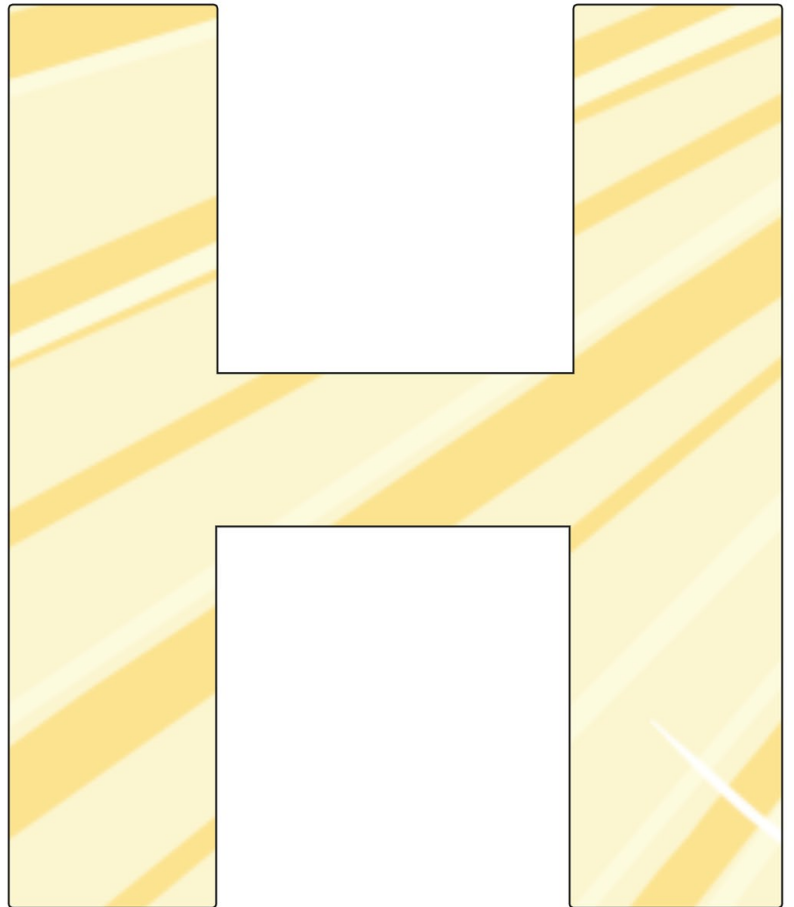
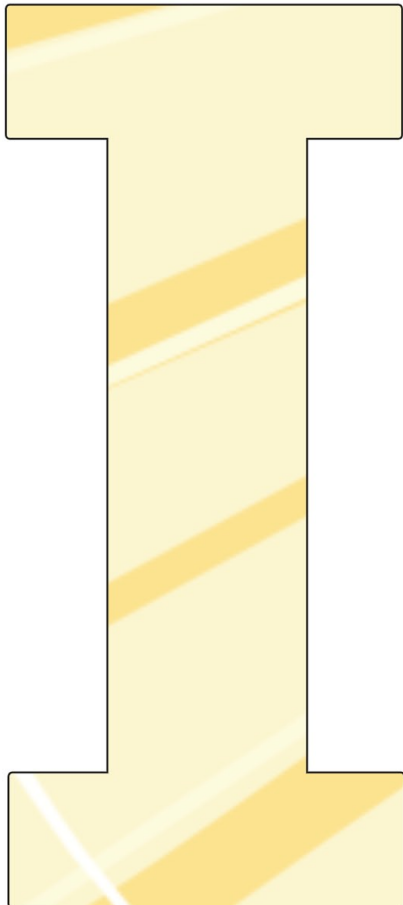
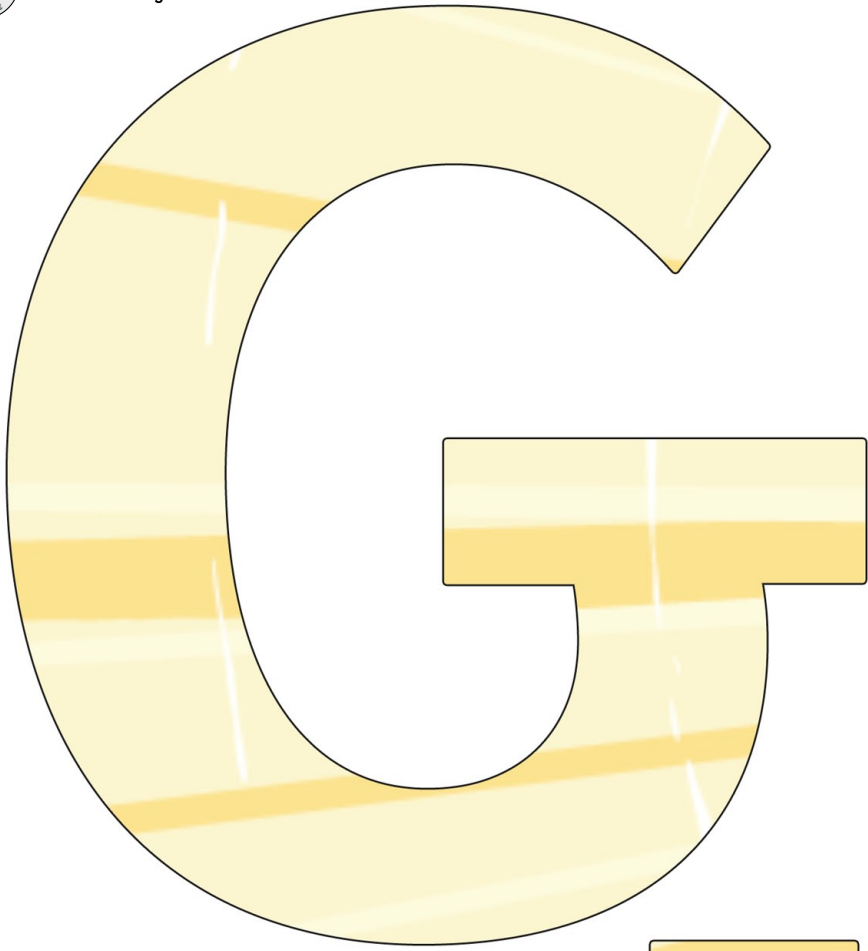


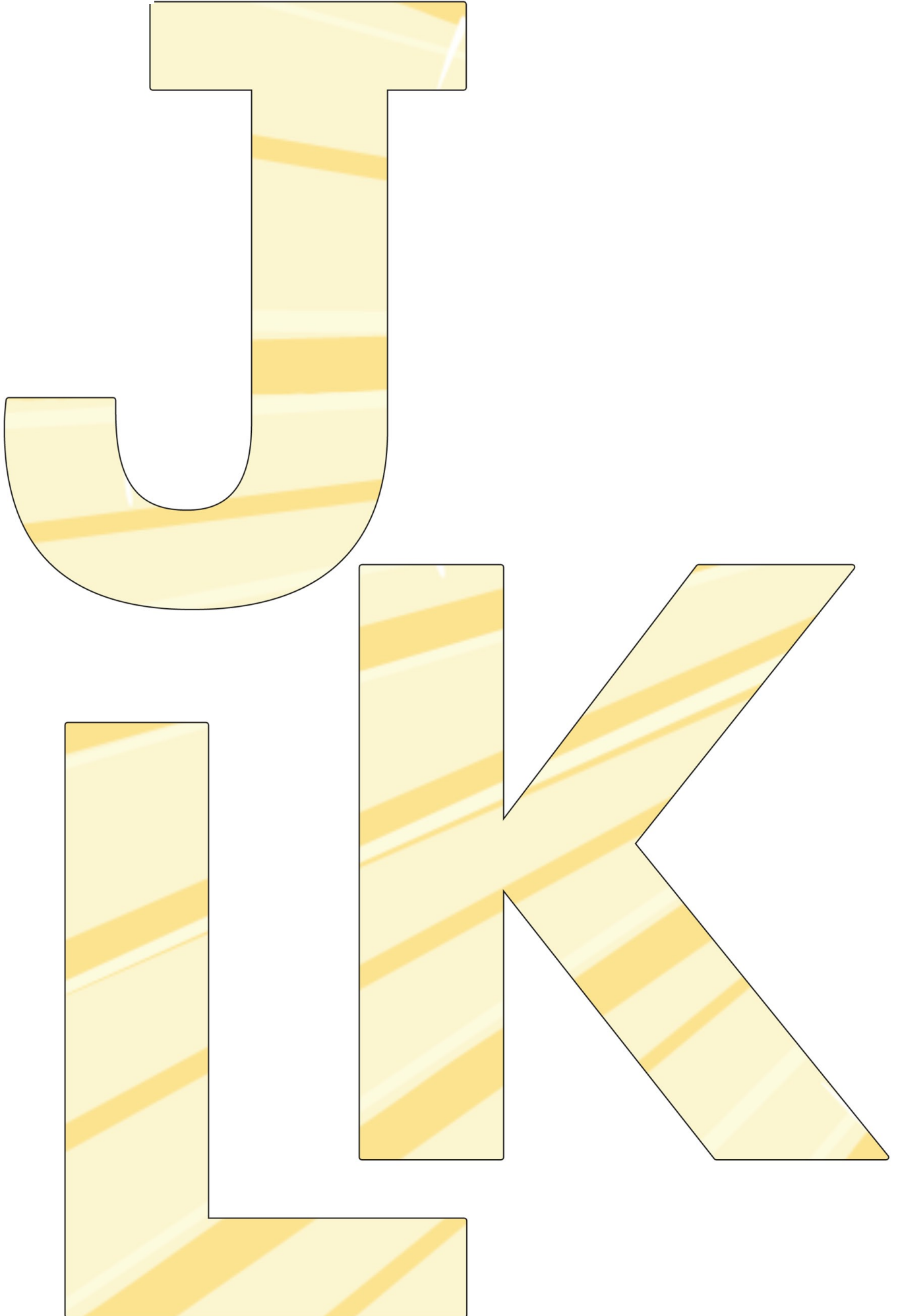


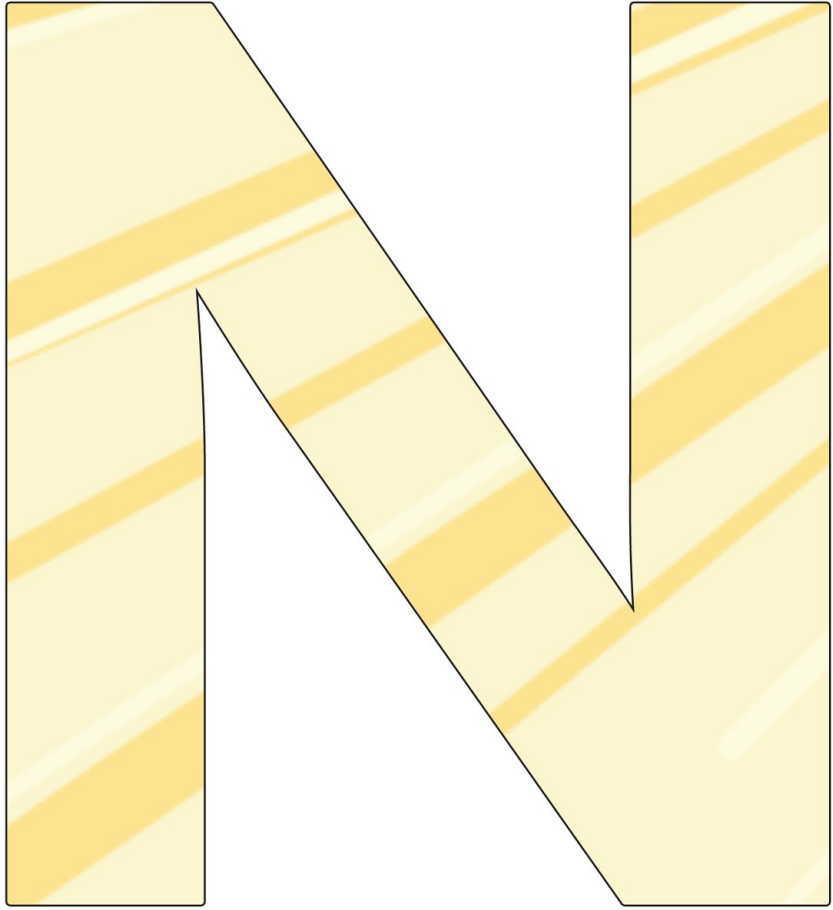
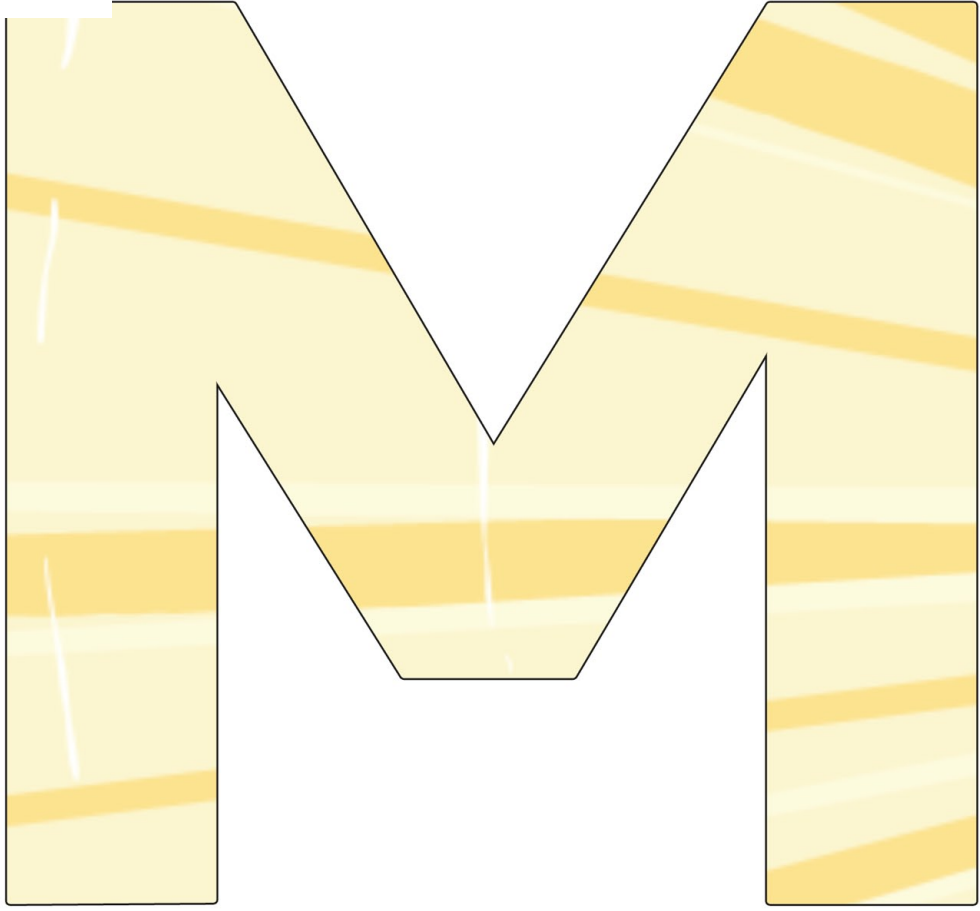


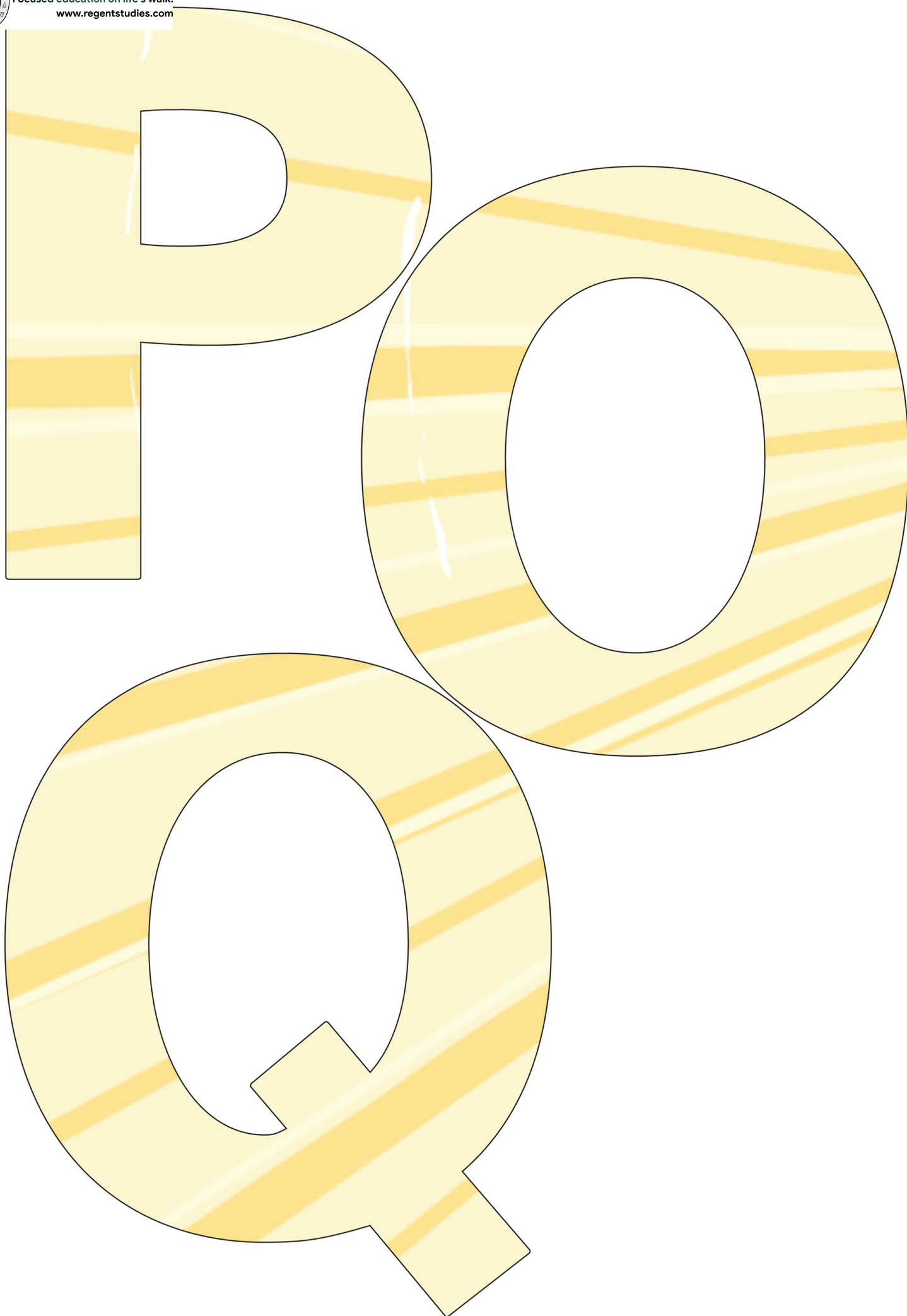


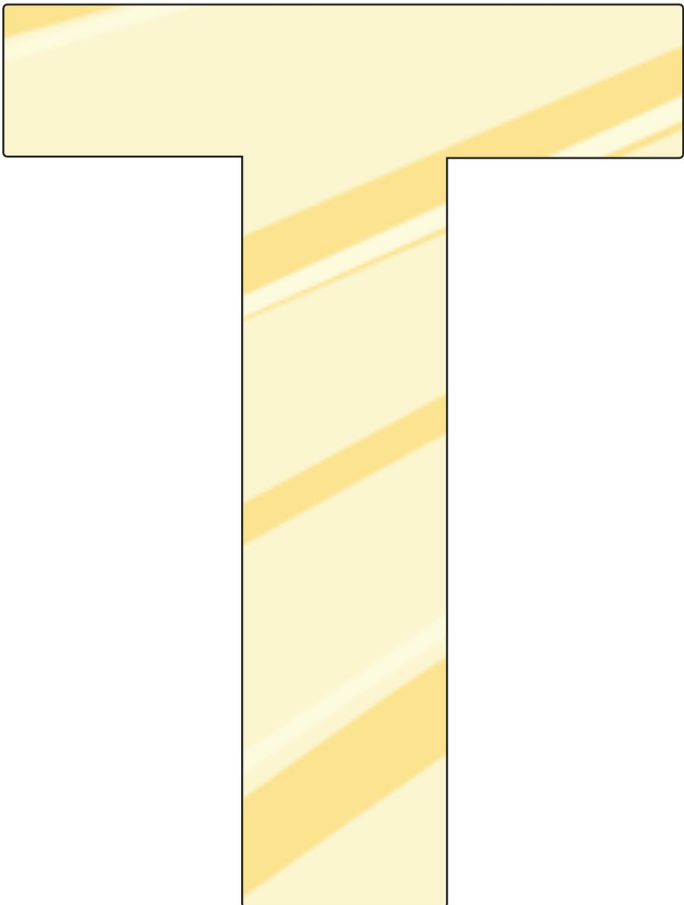
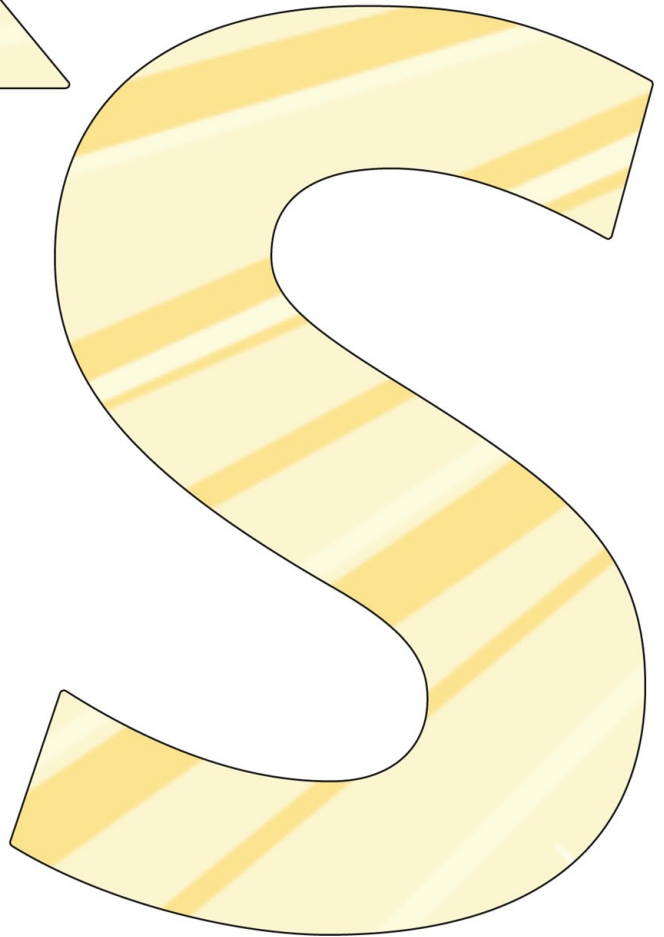
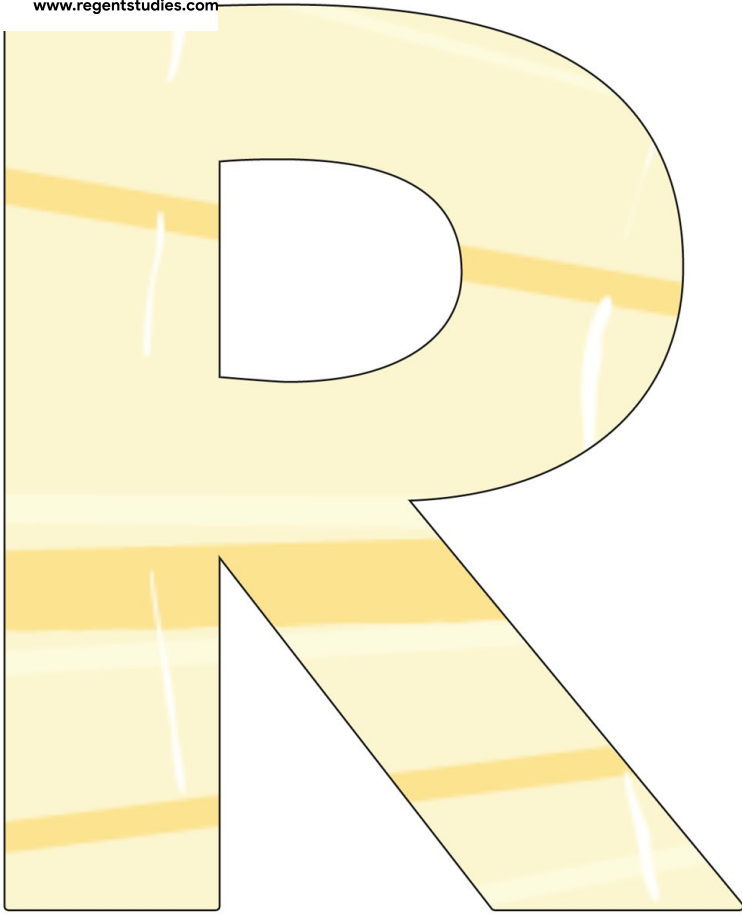


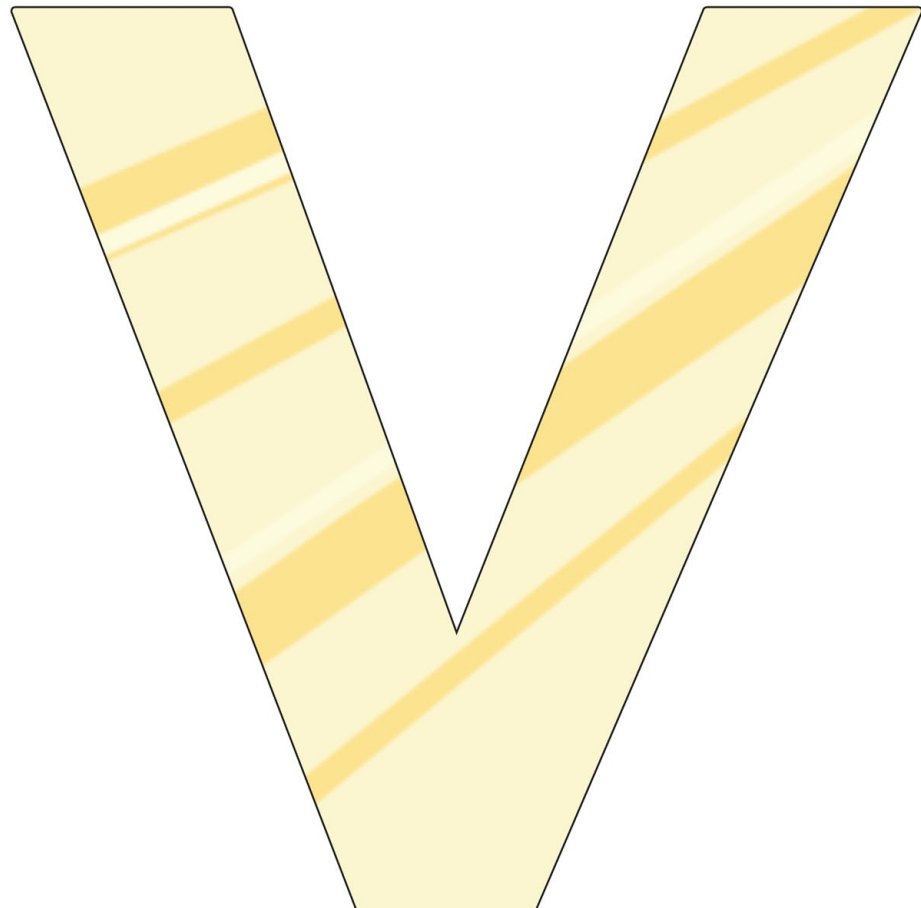
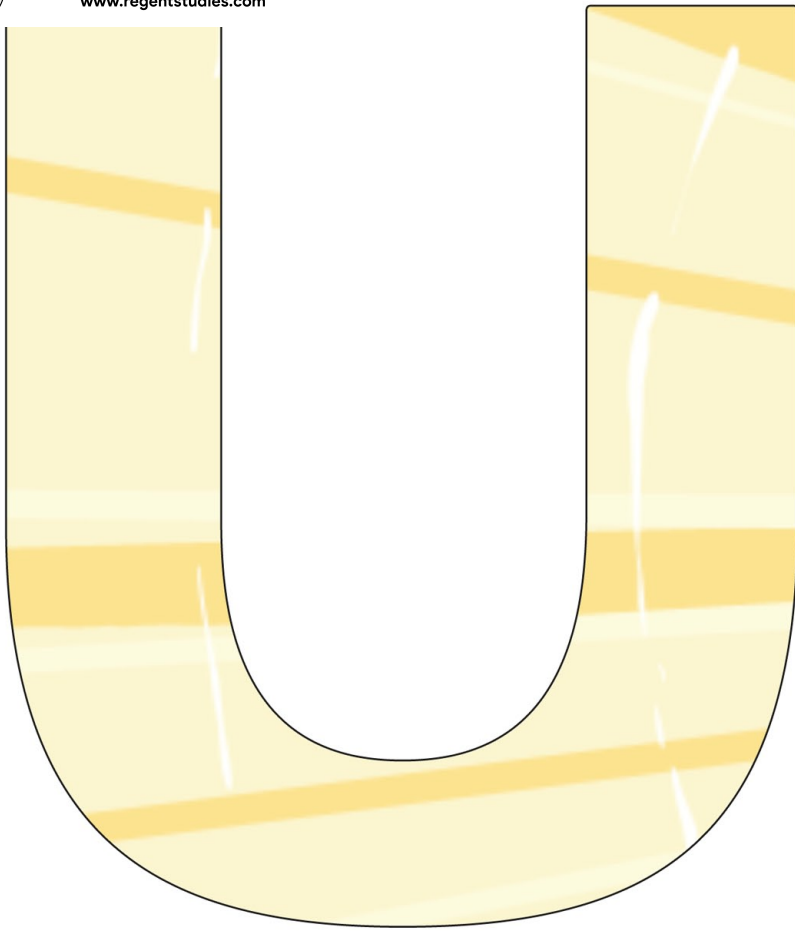




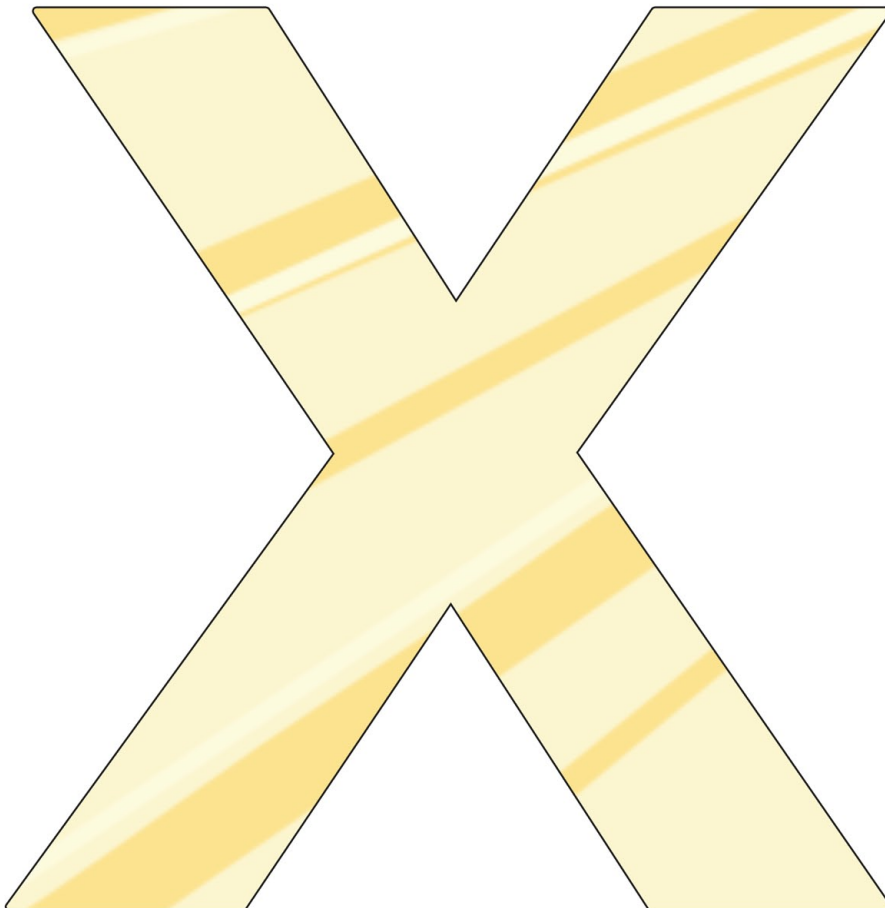


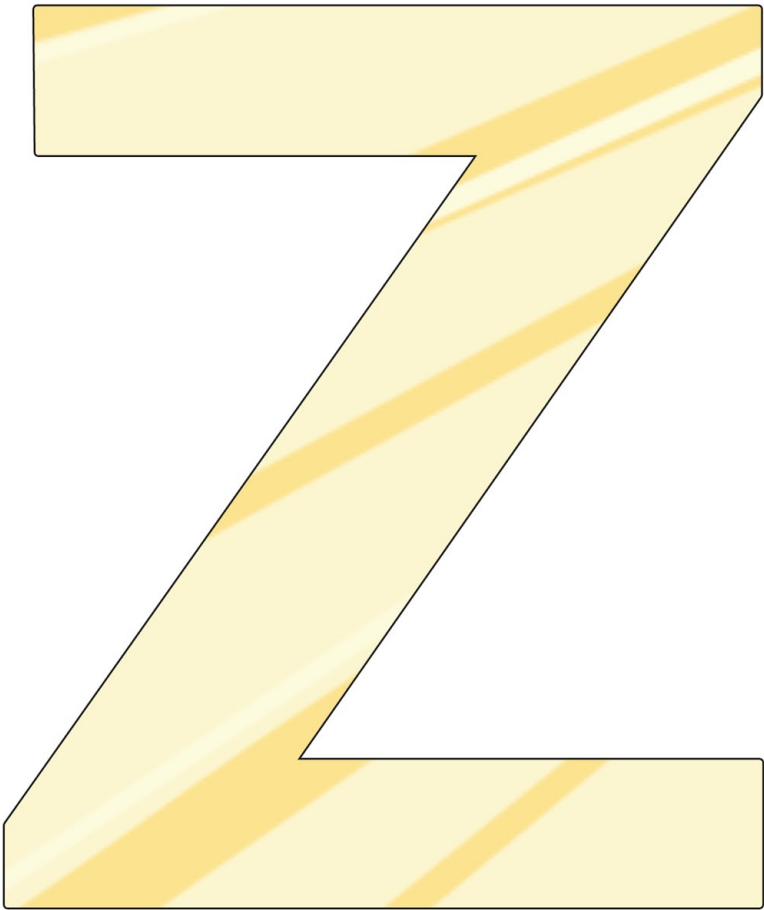
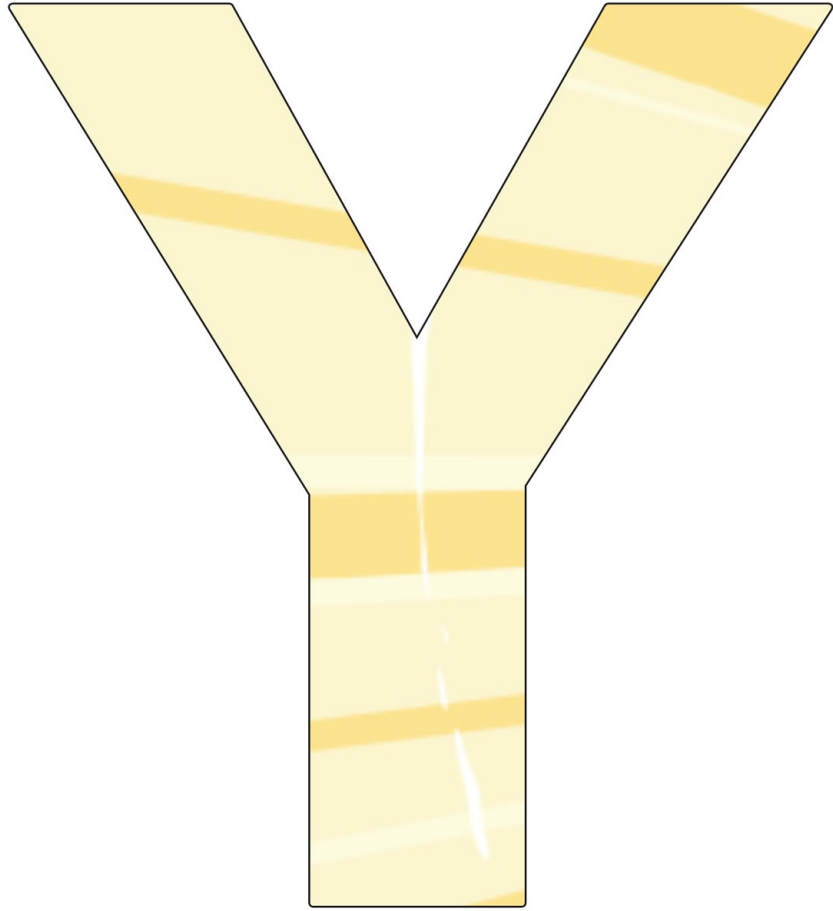


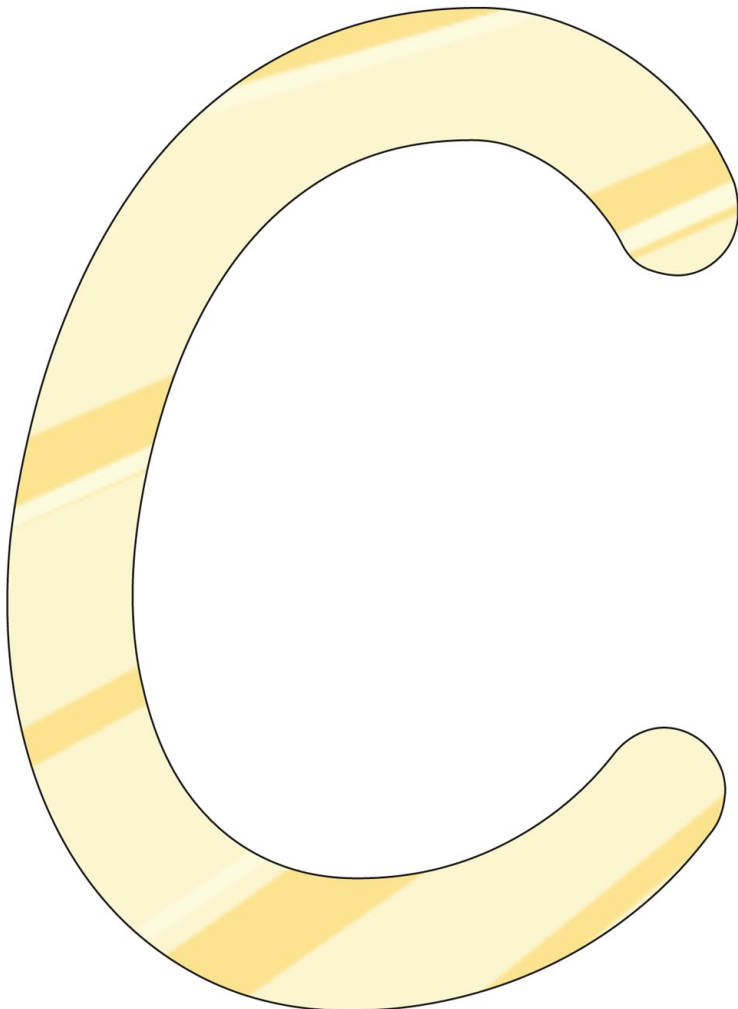
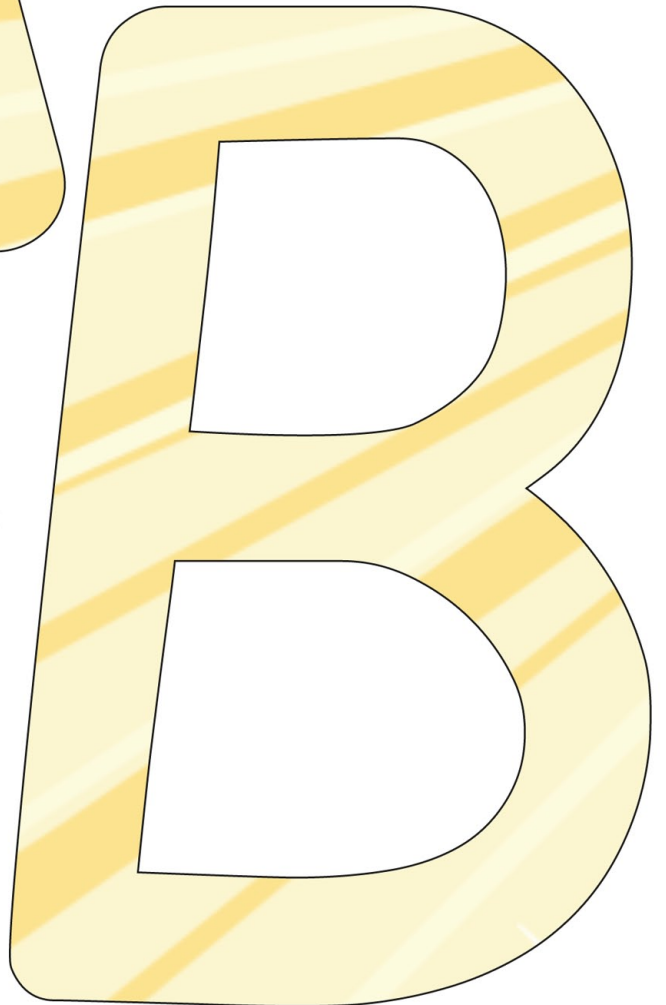


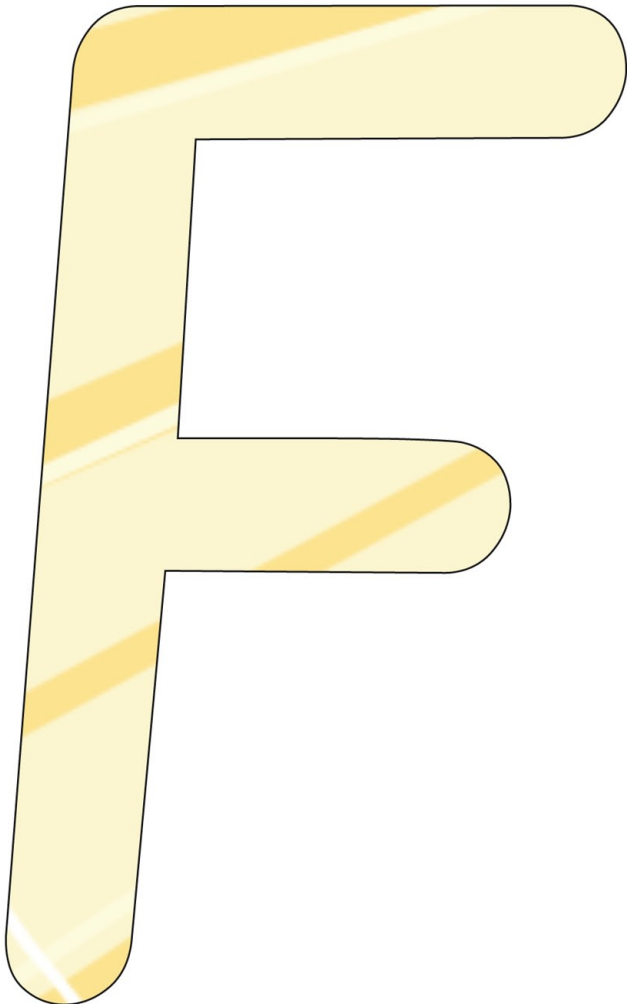
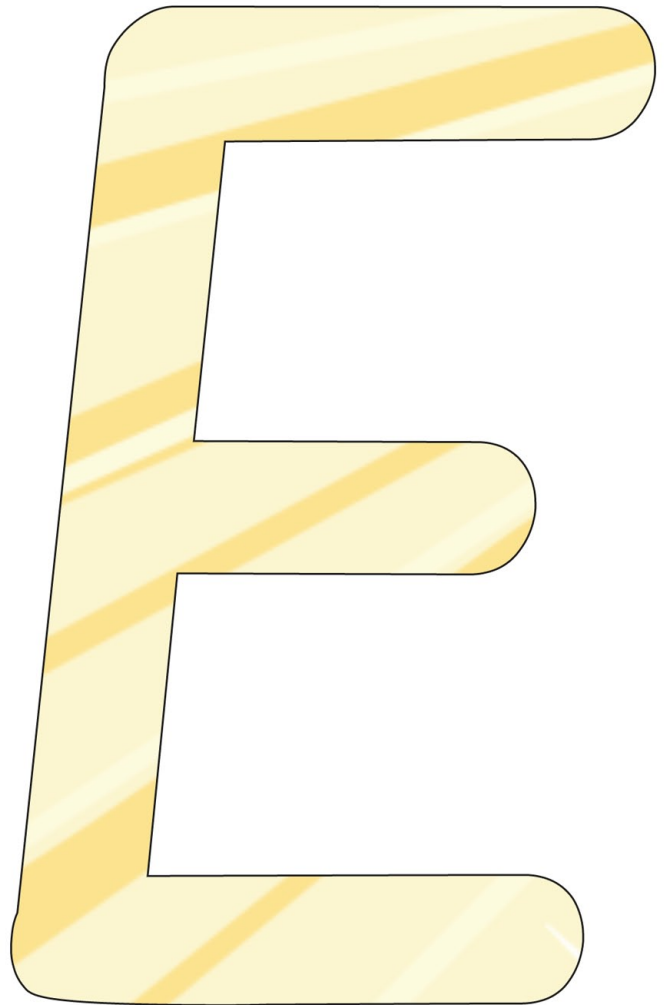
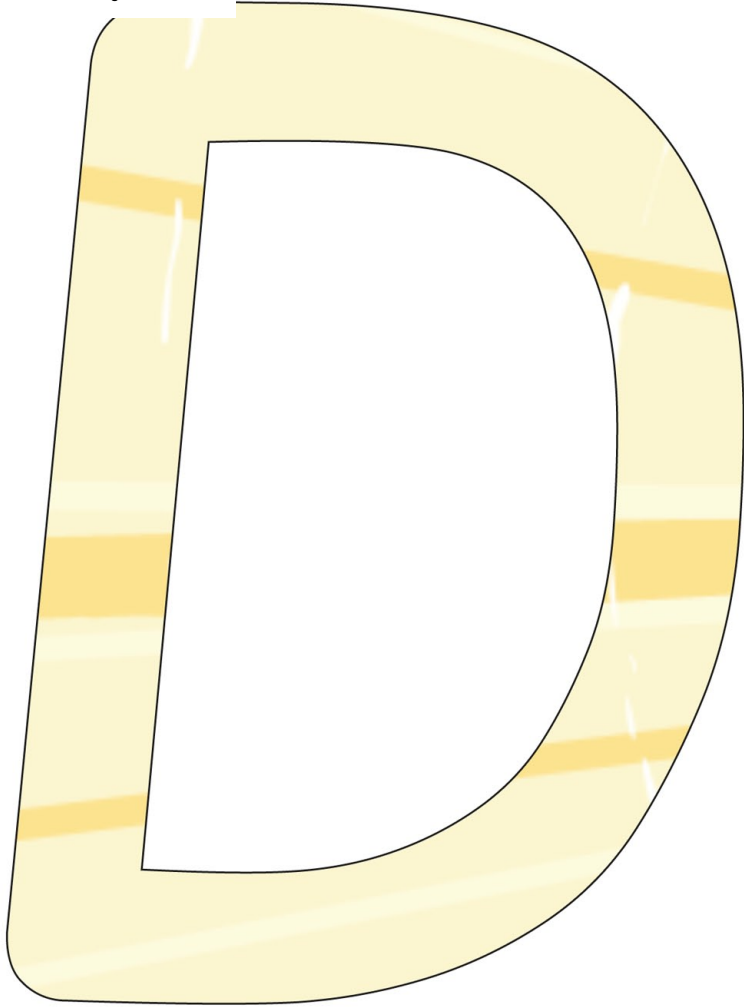










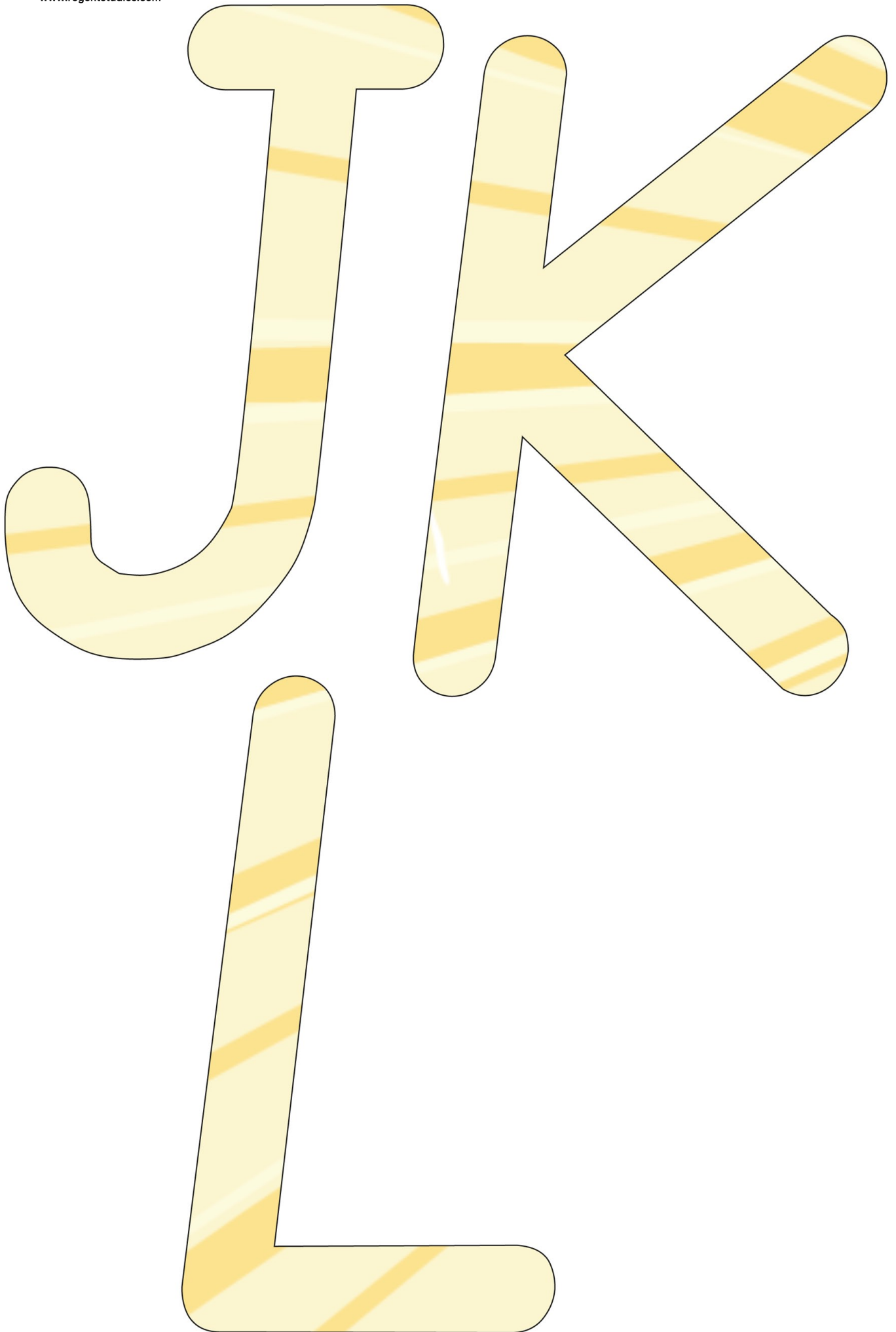


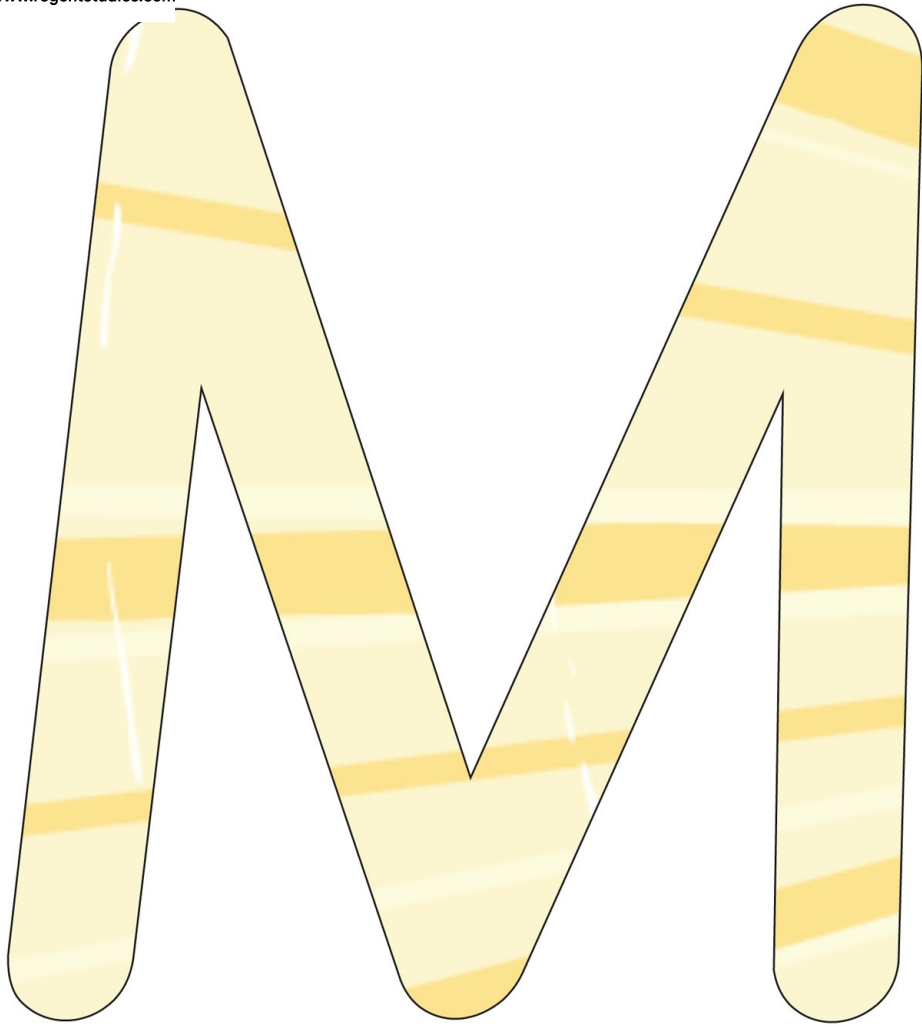


G

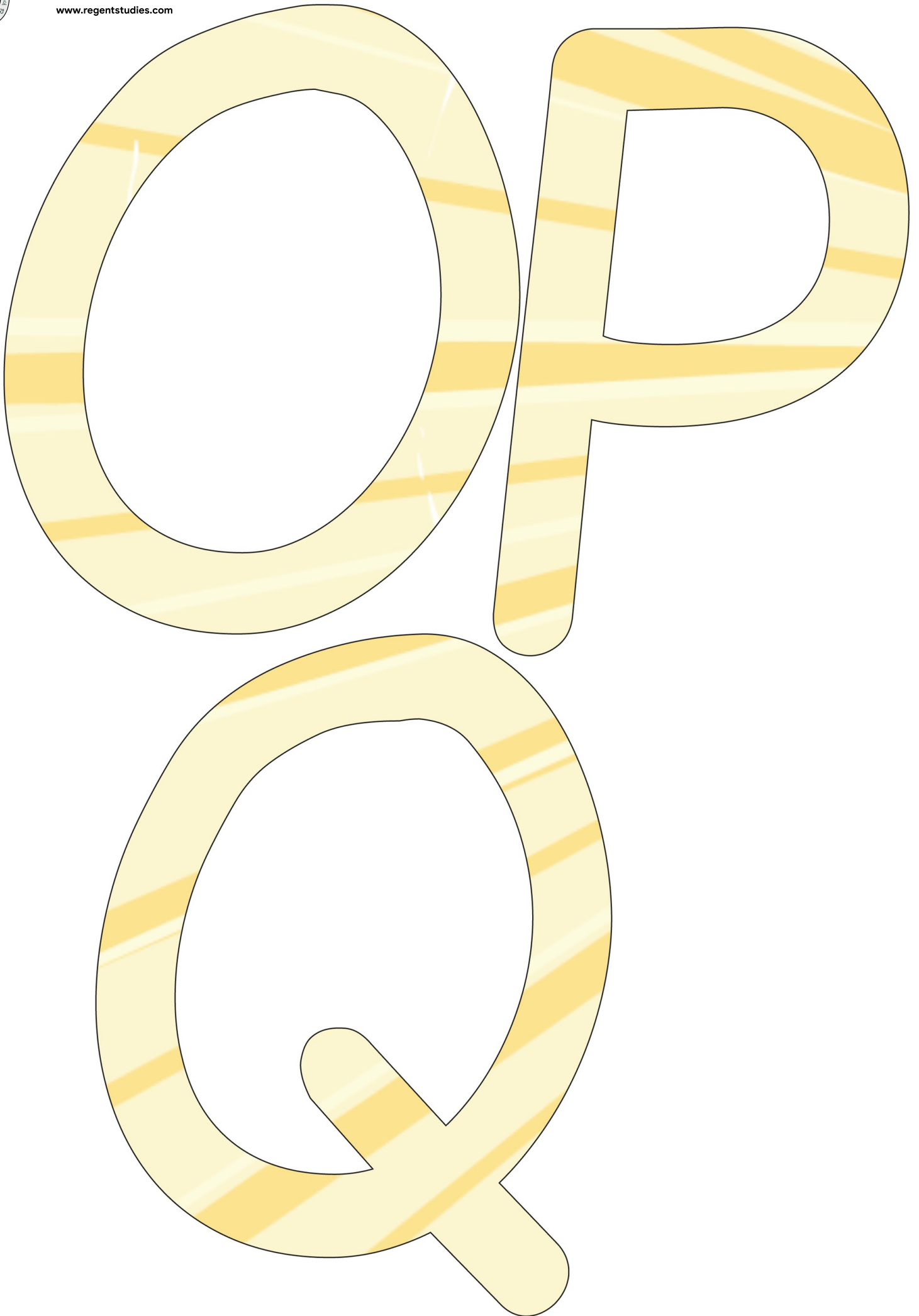
I

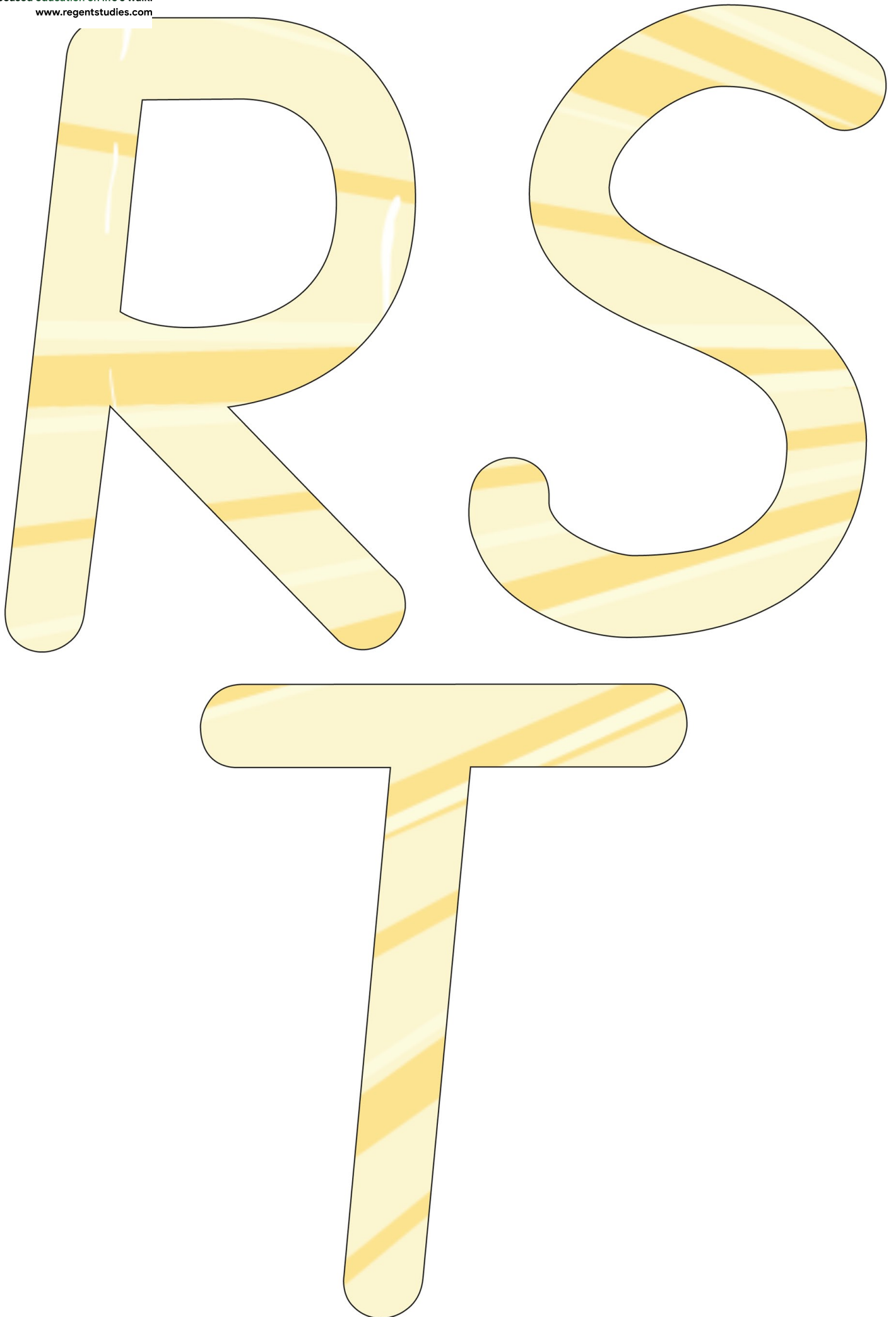
H

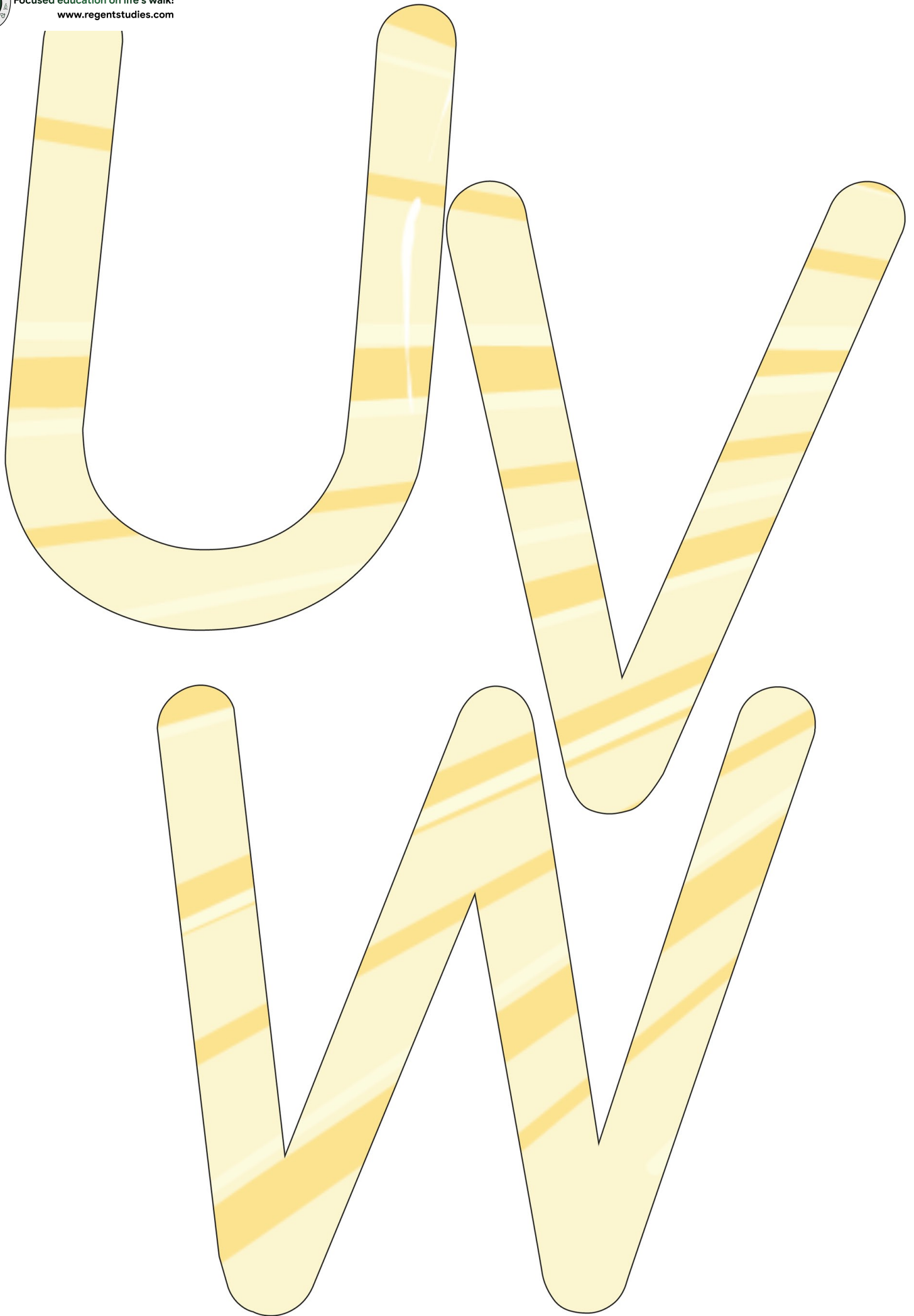


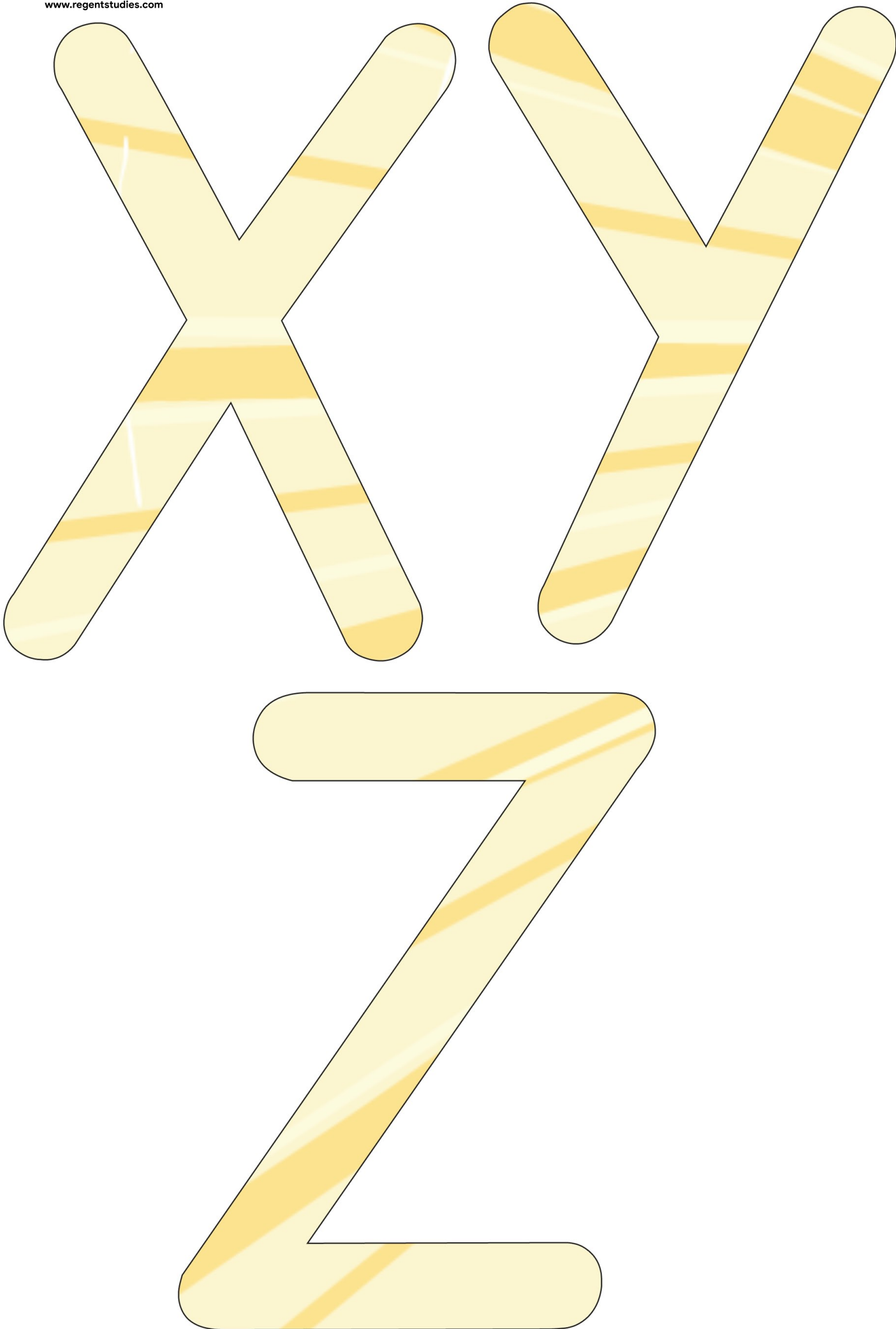


















source









reflect







visible







# bounce









ray









sun



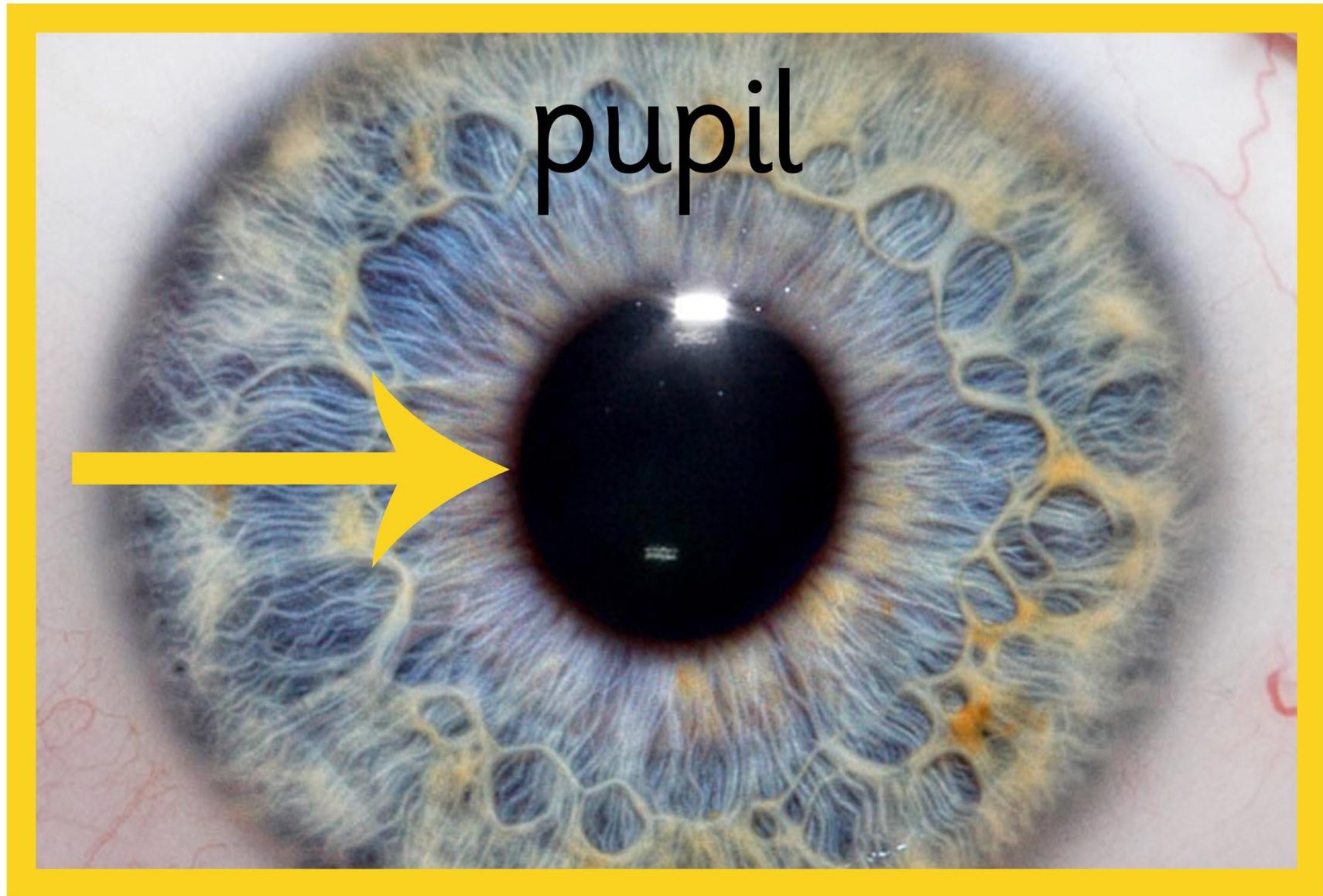




glare









retina









straight







# opaque







translucent





transparent





block







shadow







source













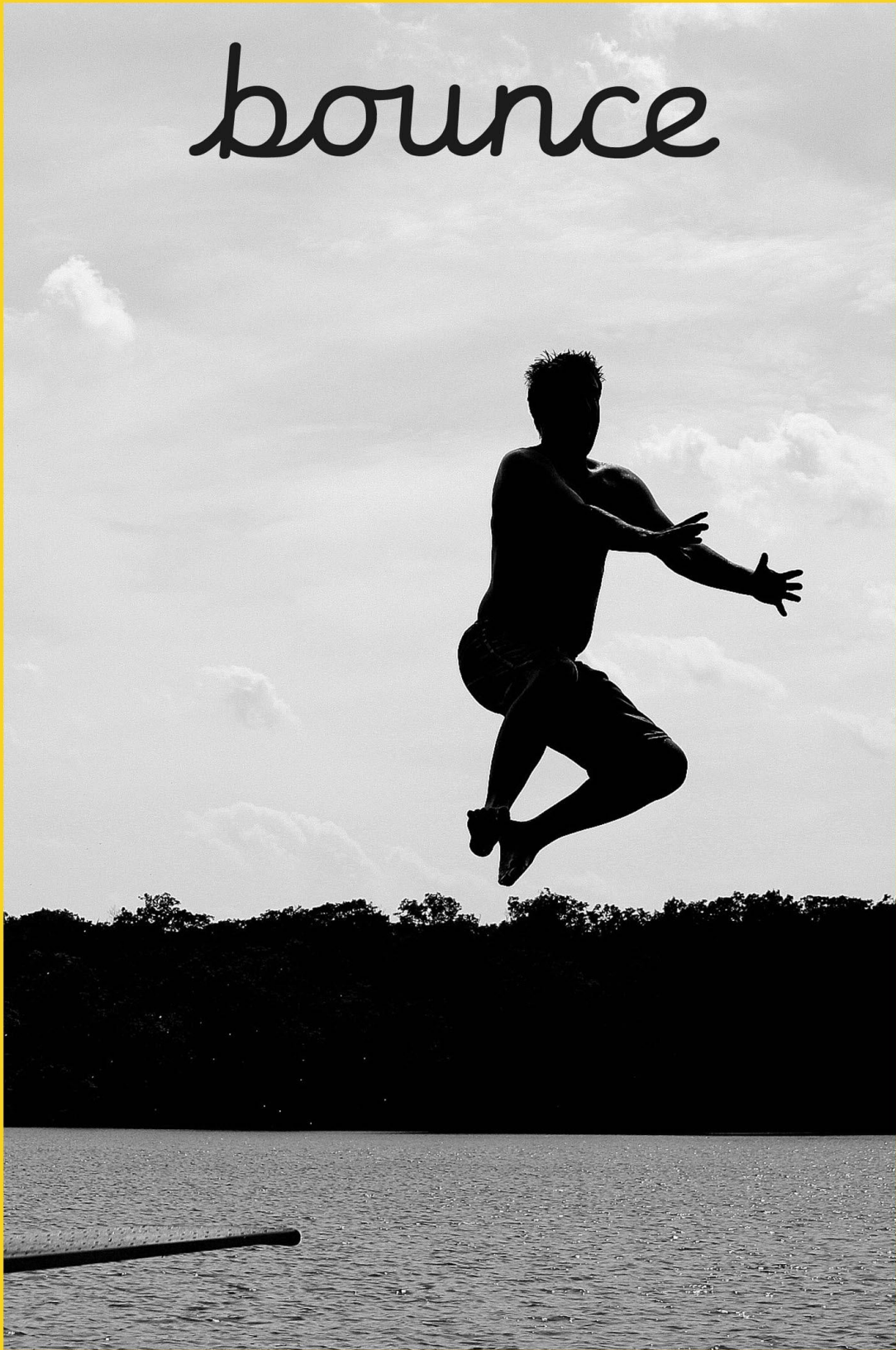
*visible*







bounce















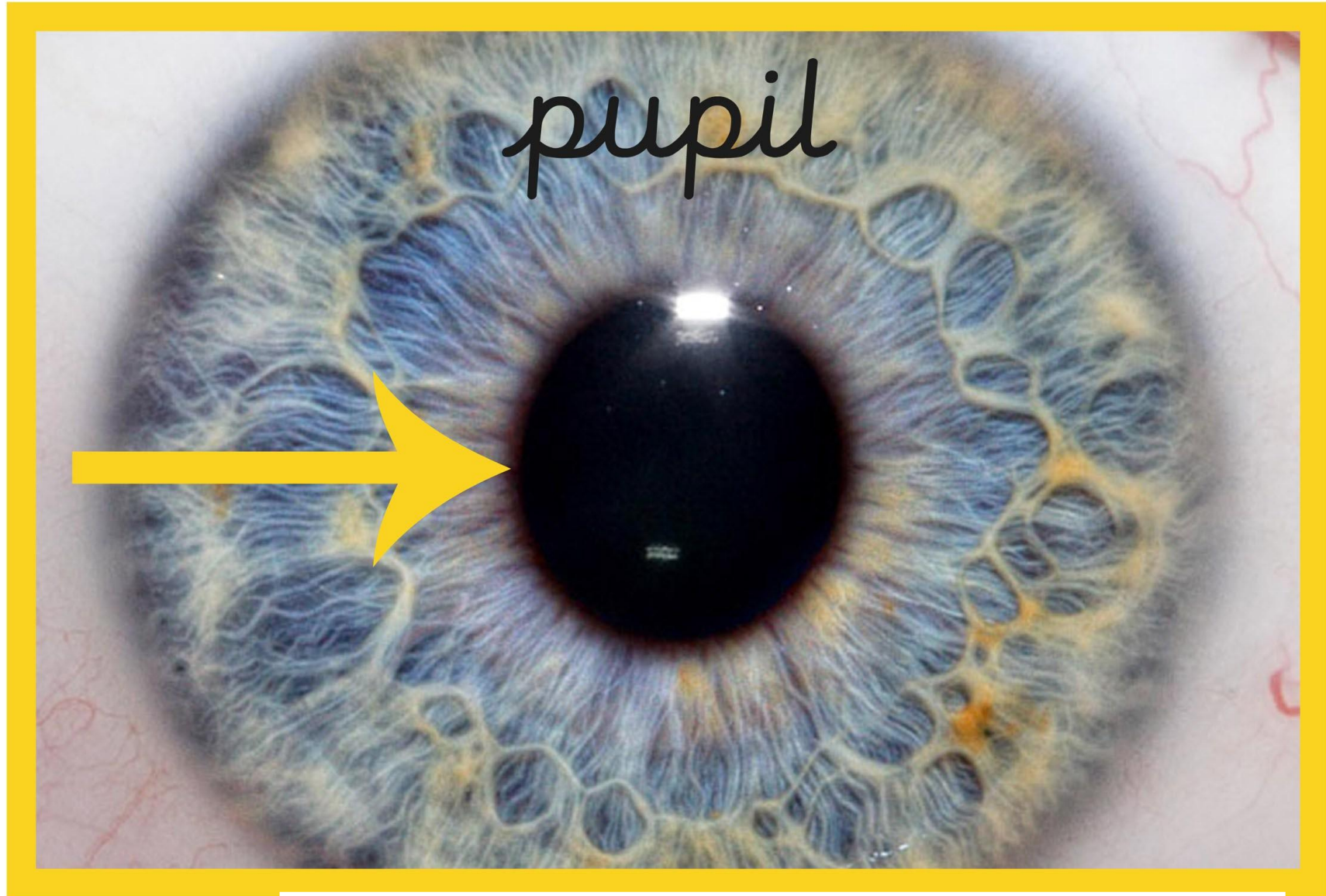
sun

























opaque





*translucent*







transparent











**REGENT STUDIES**

Focused education on life's walk!  
[www.regentstudies.com](http://www.regentstudies.com)







source







reflect







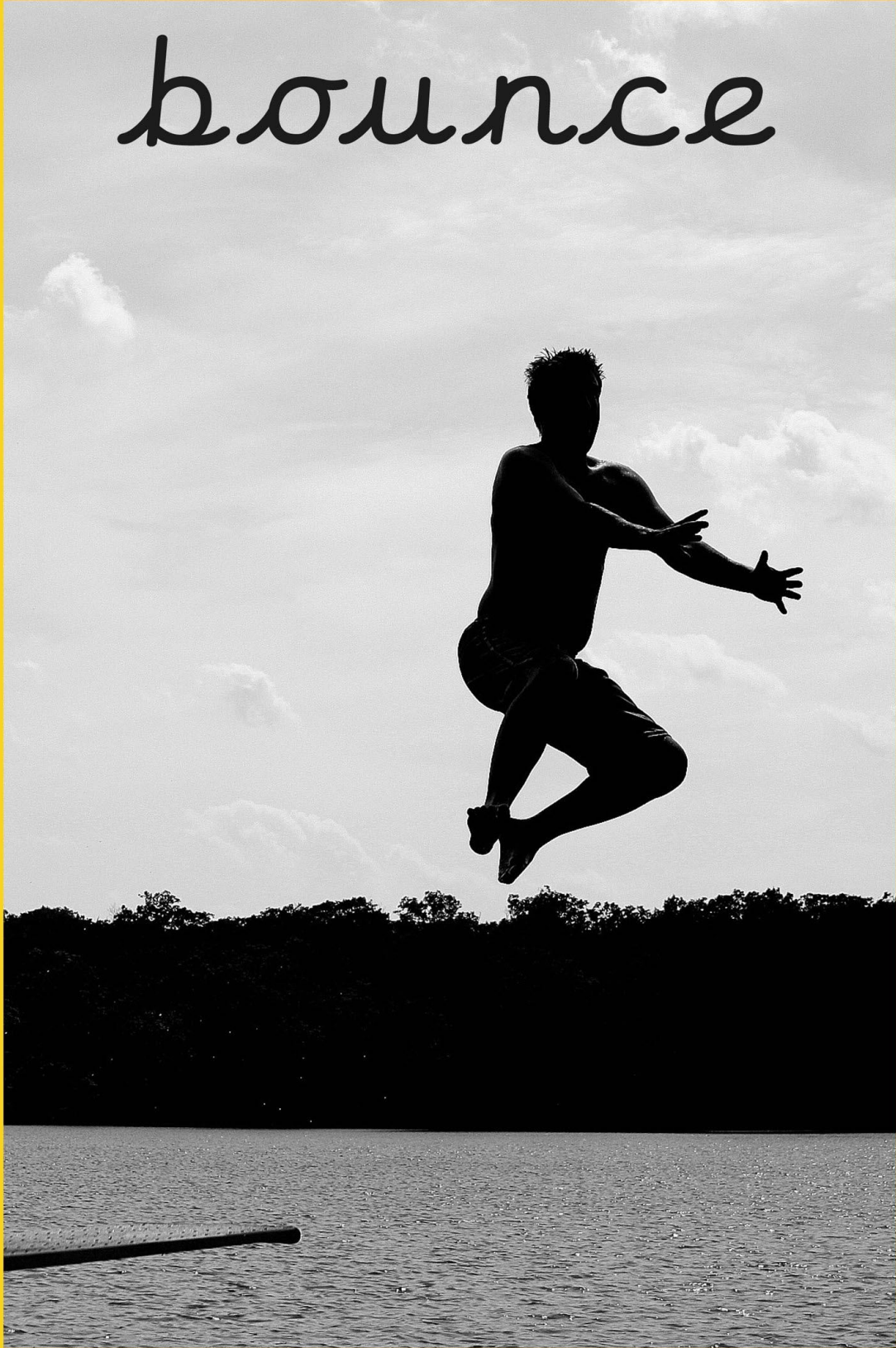
*visible*







bounce















sun



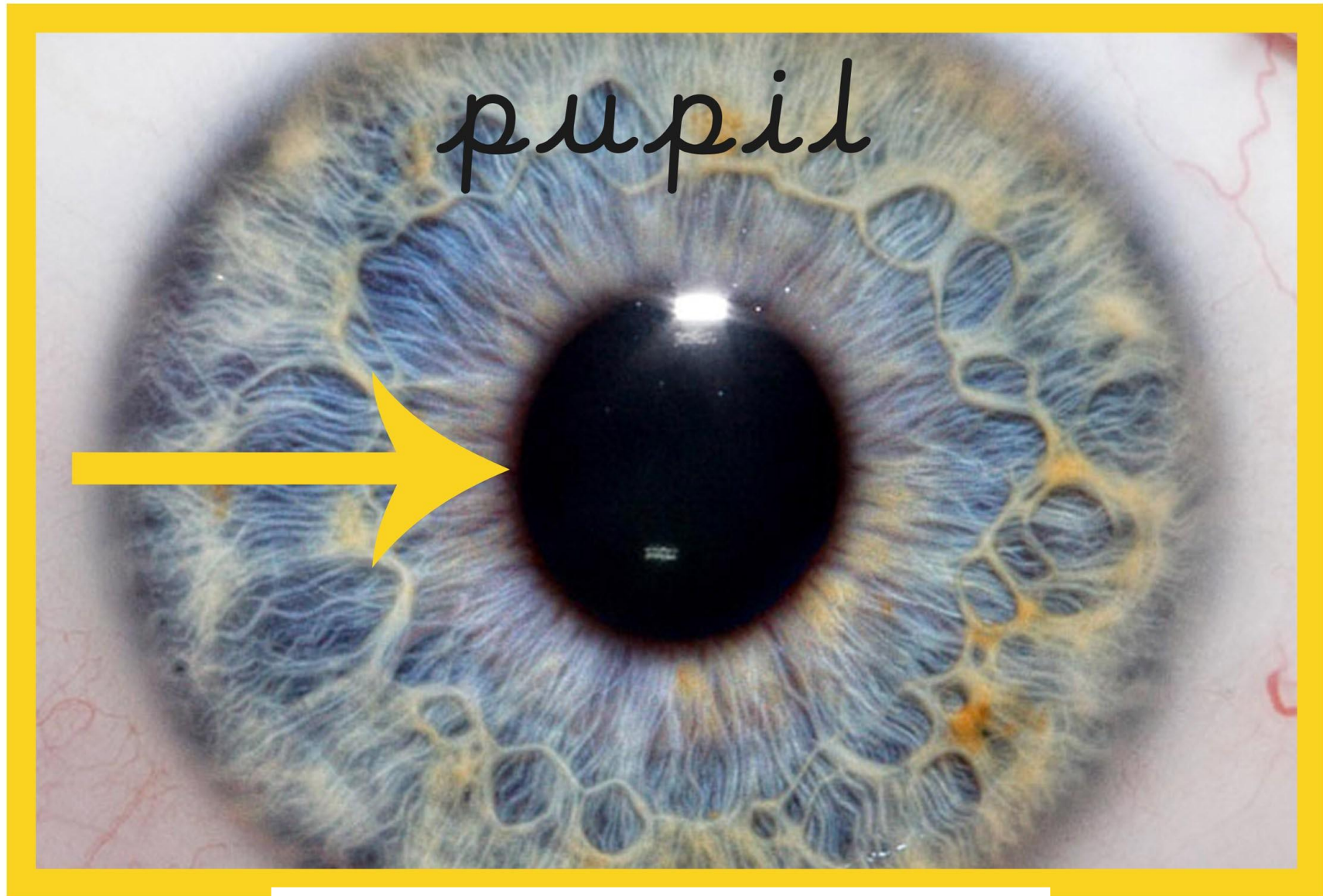




glare









*retina*











*straight*







оракме









transparent



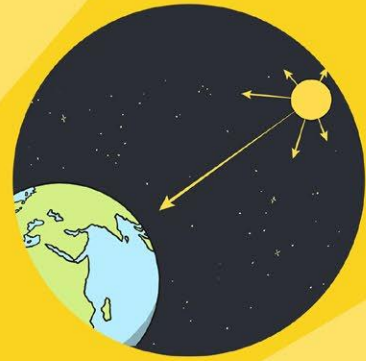
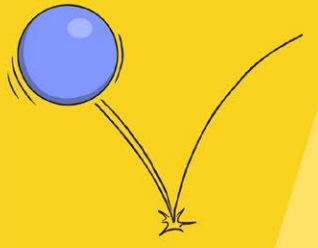








# Light



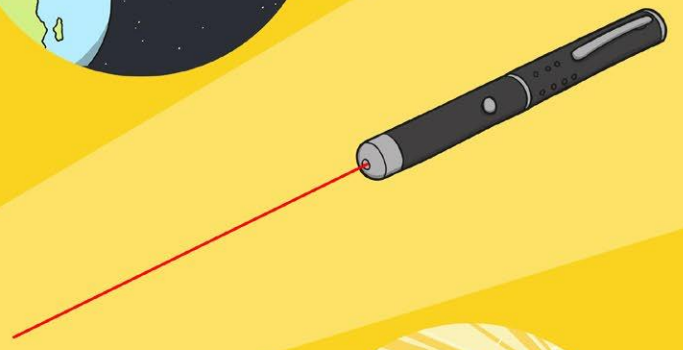
transparent  
glare

bounce

reflect

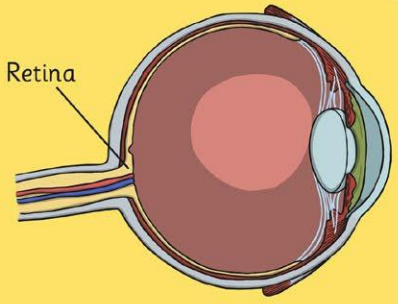
travel

beam



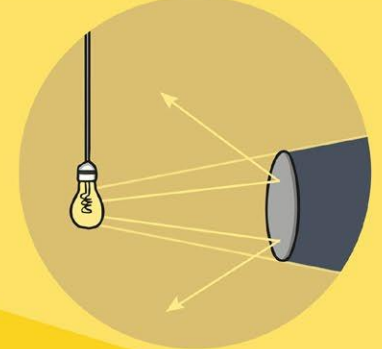
shadow

light



retina

block



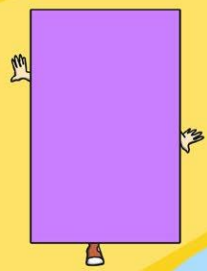
dark

opaque



translucent

sun

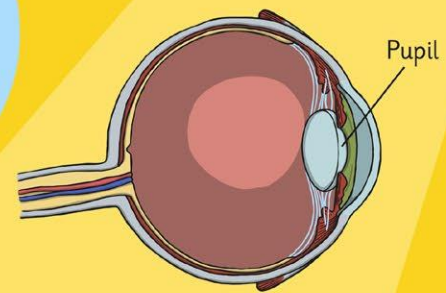


source

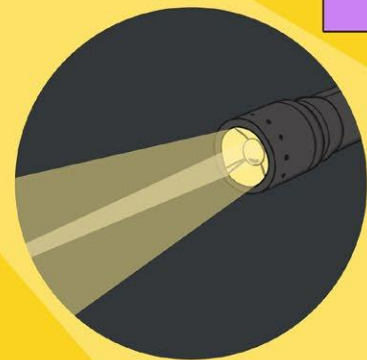
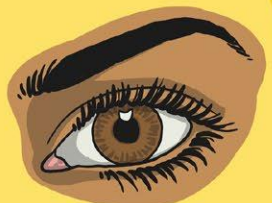
pupil

visible

mirror



ray





↑  
**straight**



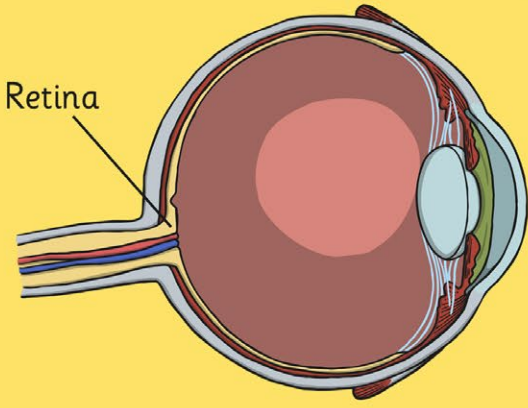
**glare**



**transparent**



**shadow**



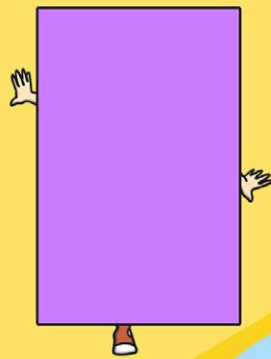
**retina**

**Lig**

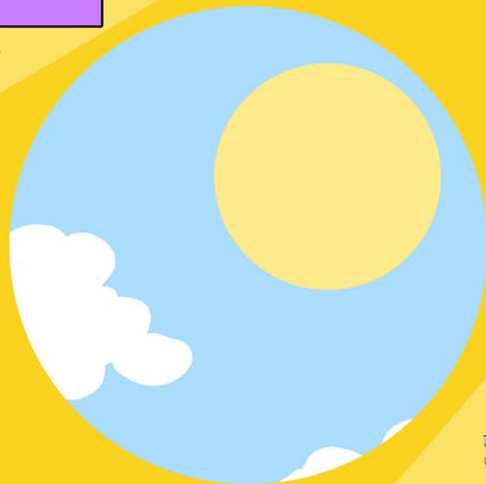


**dark**

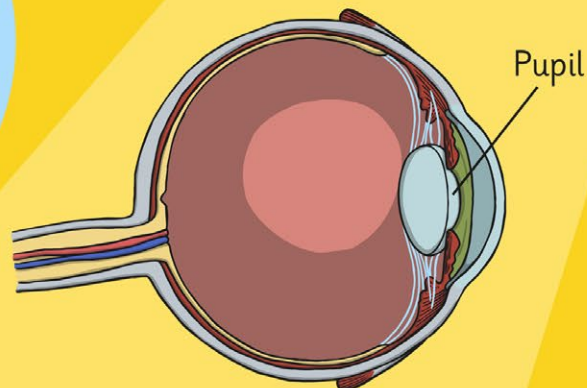
**opaque**



**sun**



**pupil**



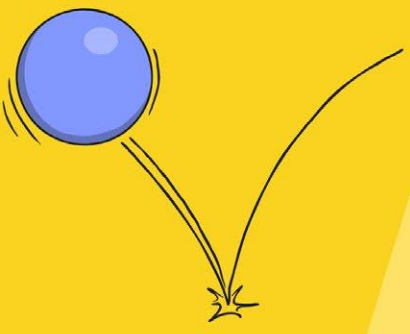
**ray**





# Light

bounce

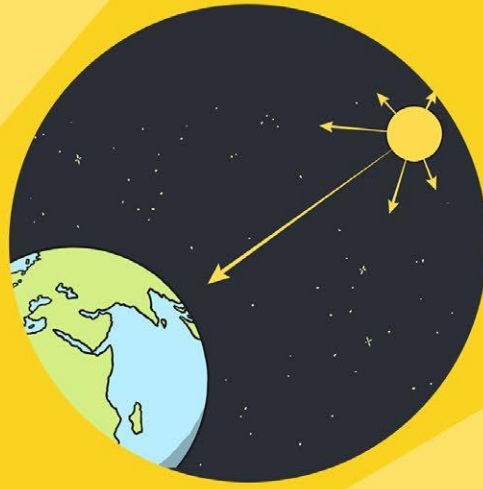


reflect

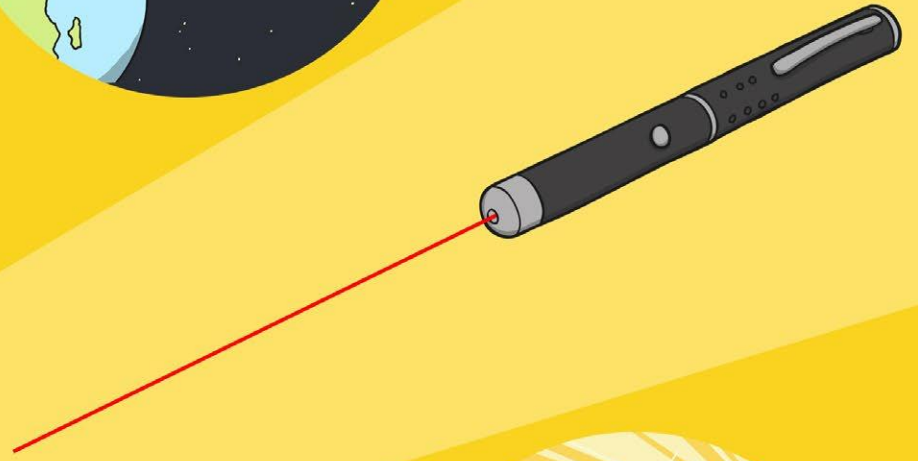
Reflect



travel



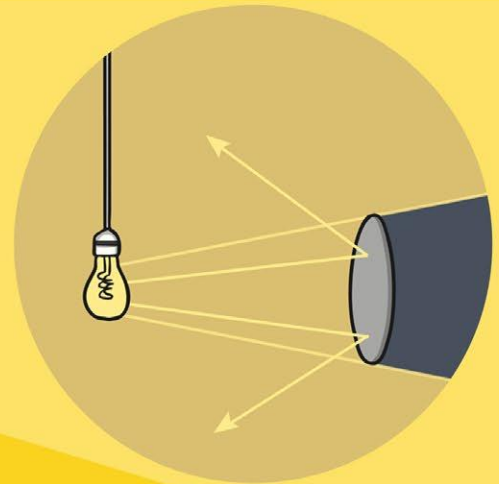
beam



light

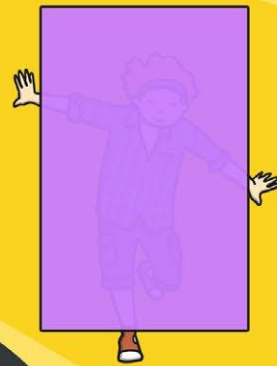


block



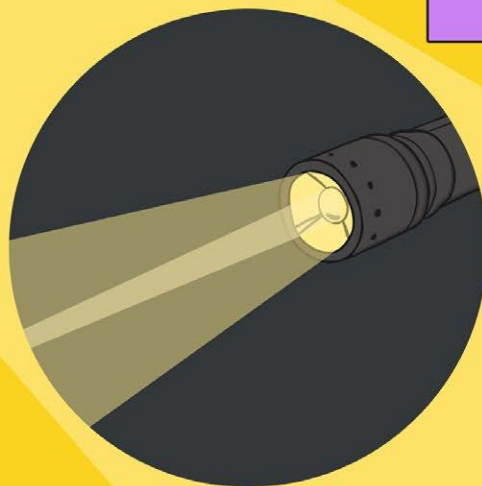
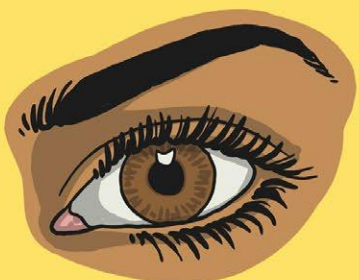
translucent

source



visible

mirror





# Lig

↑ straight



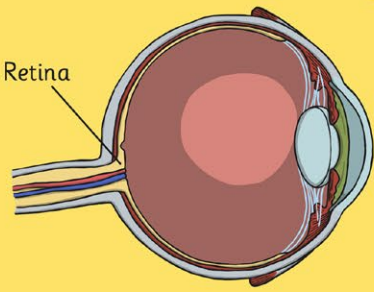
glare



transparent



shadow

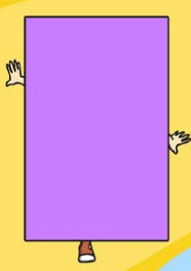


retina



dark

opaque

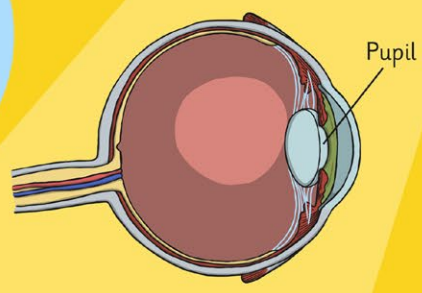


sun

pupil



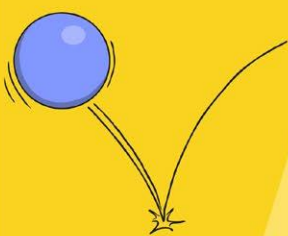
ray



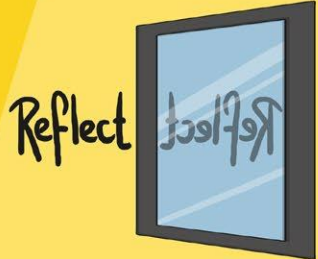




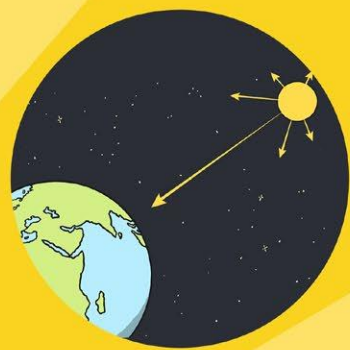
# Light



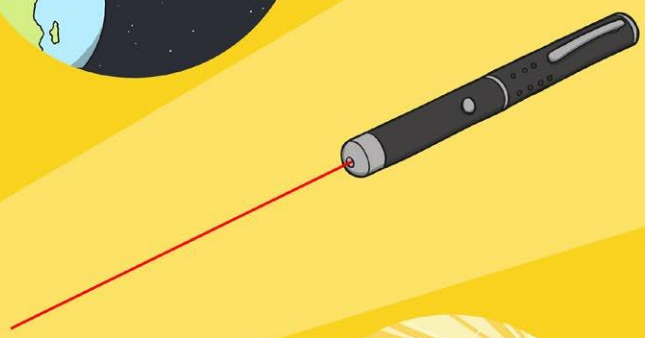
bounce



reflect



travel

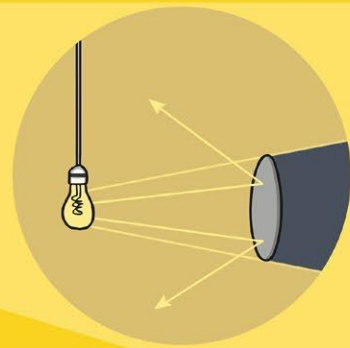


beam



light

block



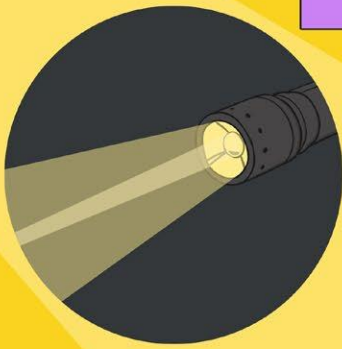
translucent

source



visible

mirror





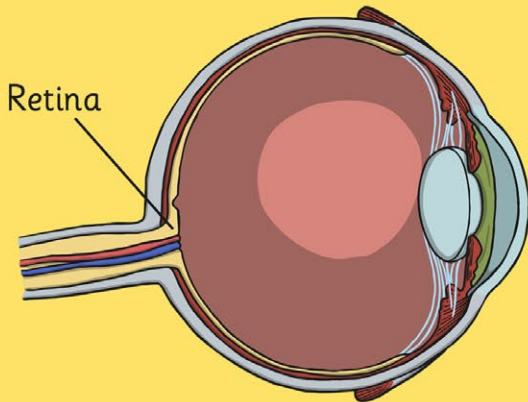


straight

glare

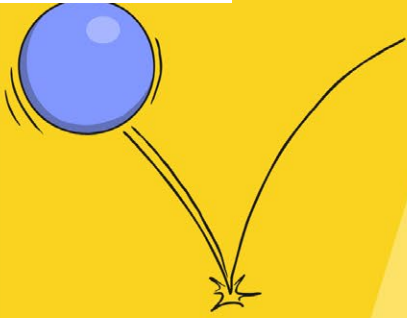
transparent

shadow



retina

Light

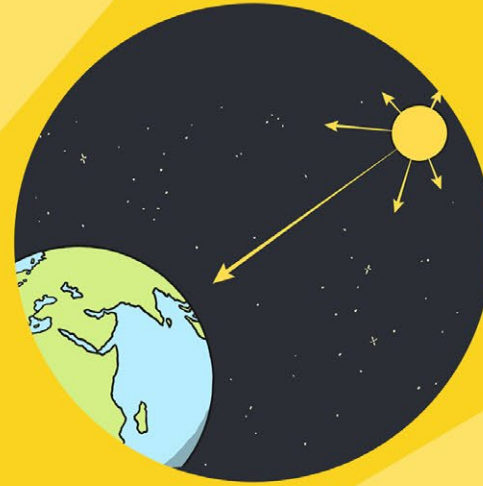


**bounce**

Reflect



**reflect**



**travel**

**beam**



**light**



**light**

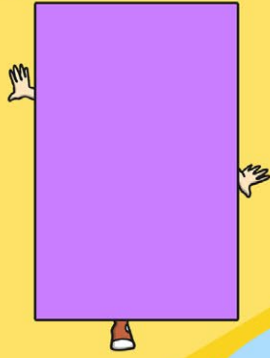


# L19



dark

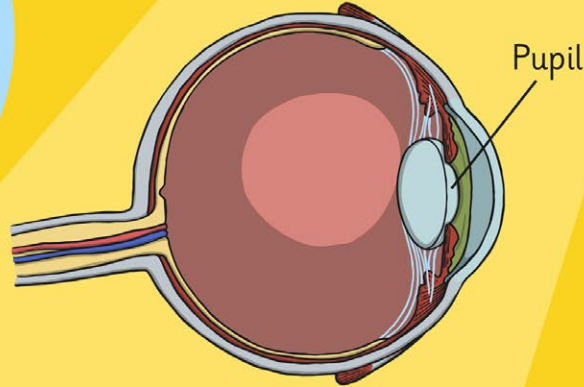
opaque



sun



pupil



ray

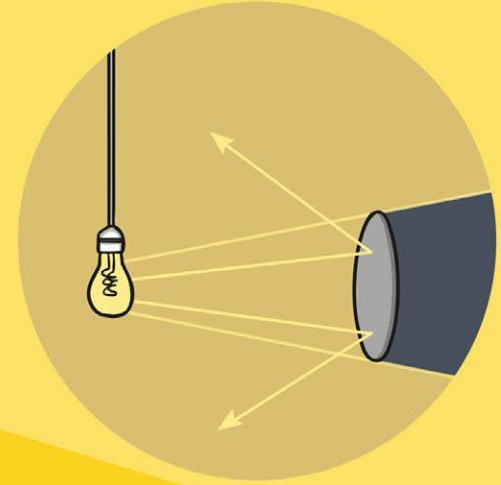




# Light



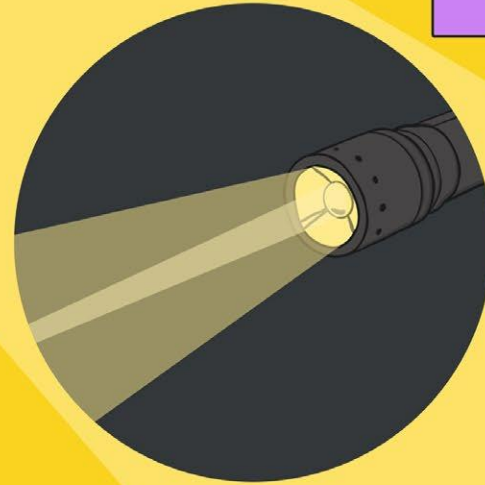
## block



## translucent



## source



## mirror



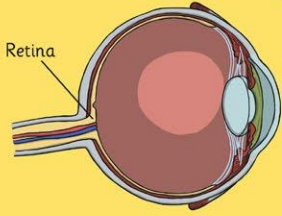
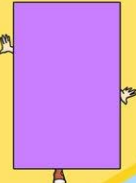
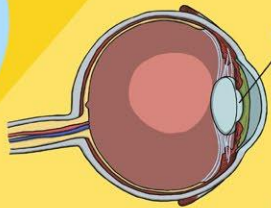
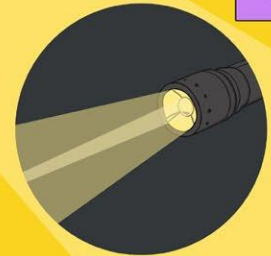
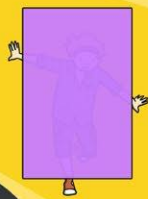
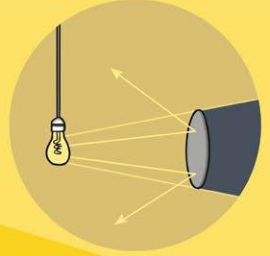
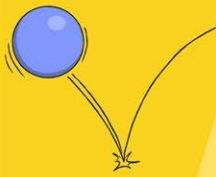
## visible





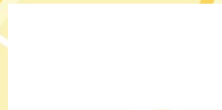


# Light



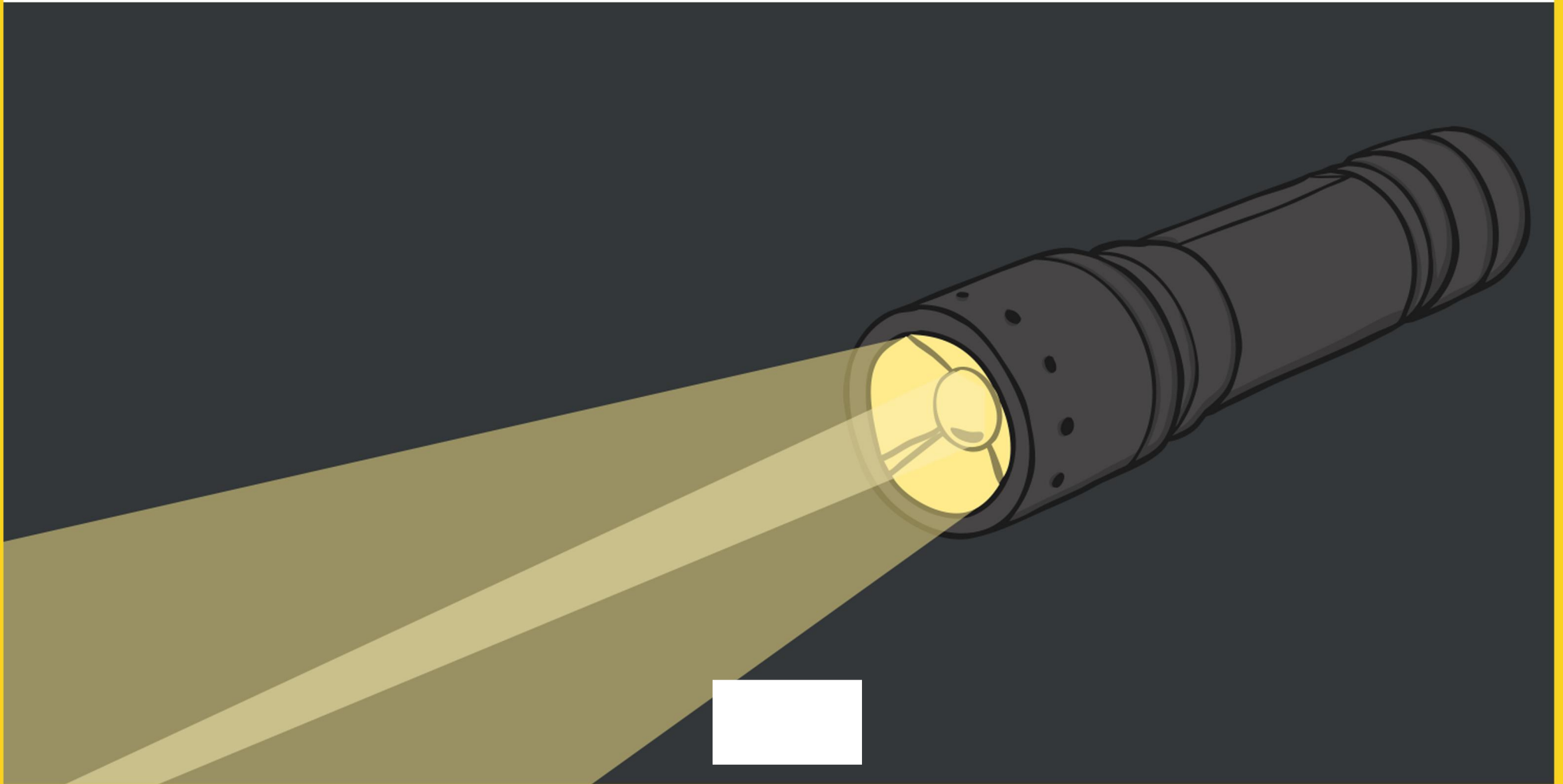


# light





# source





# dark







# reflect

Reflect



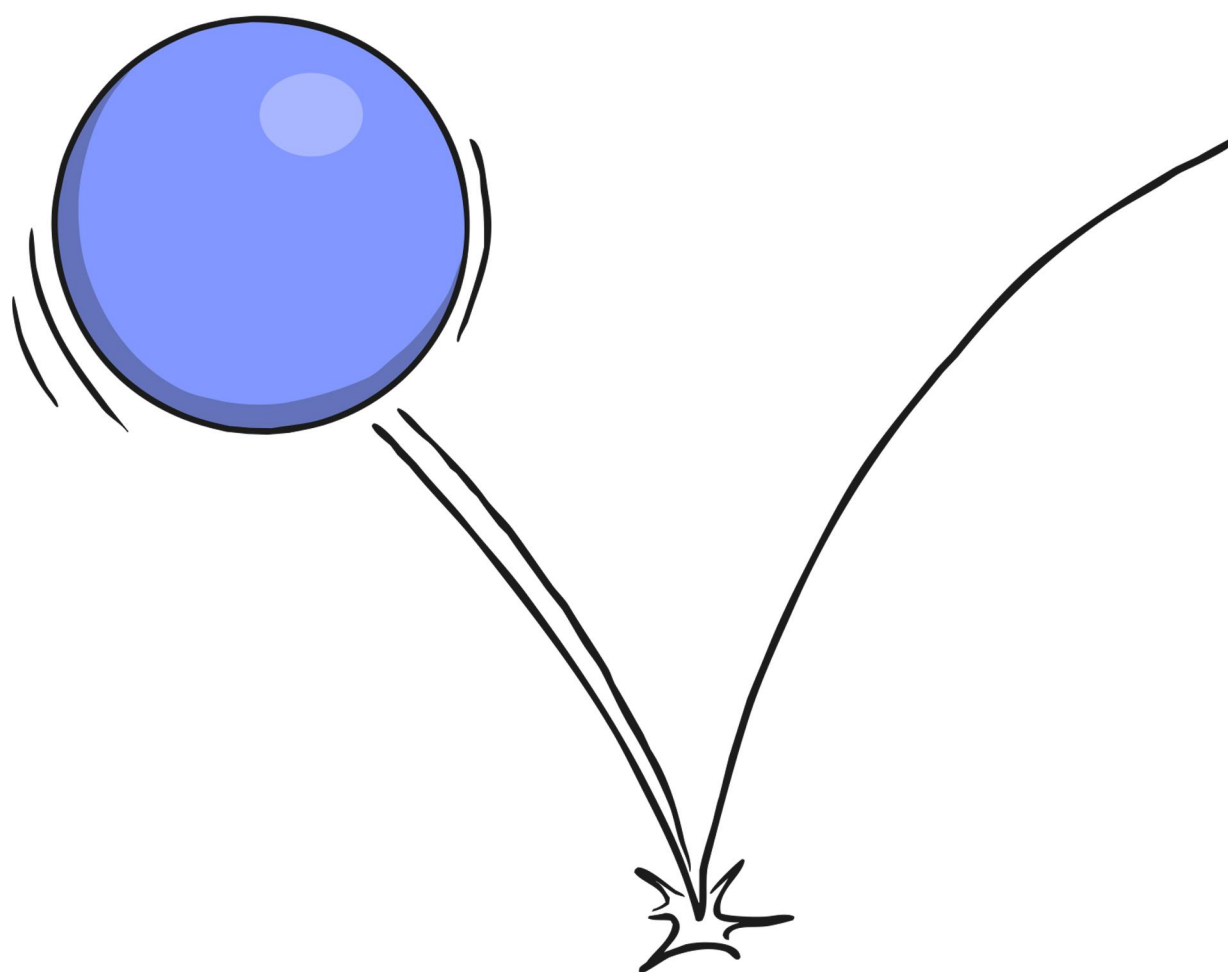


# visible



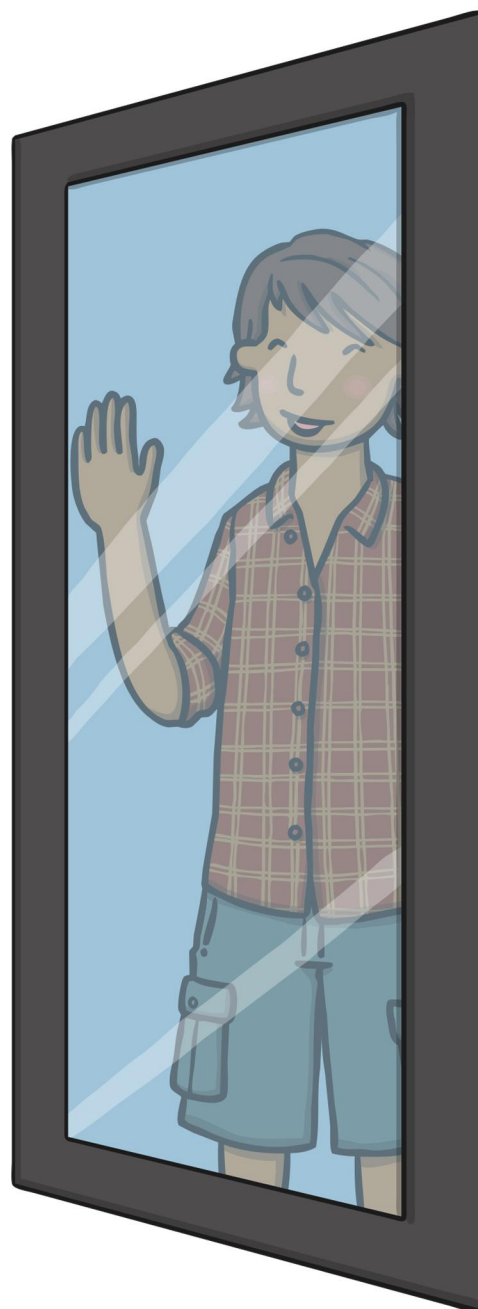


# bounce





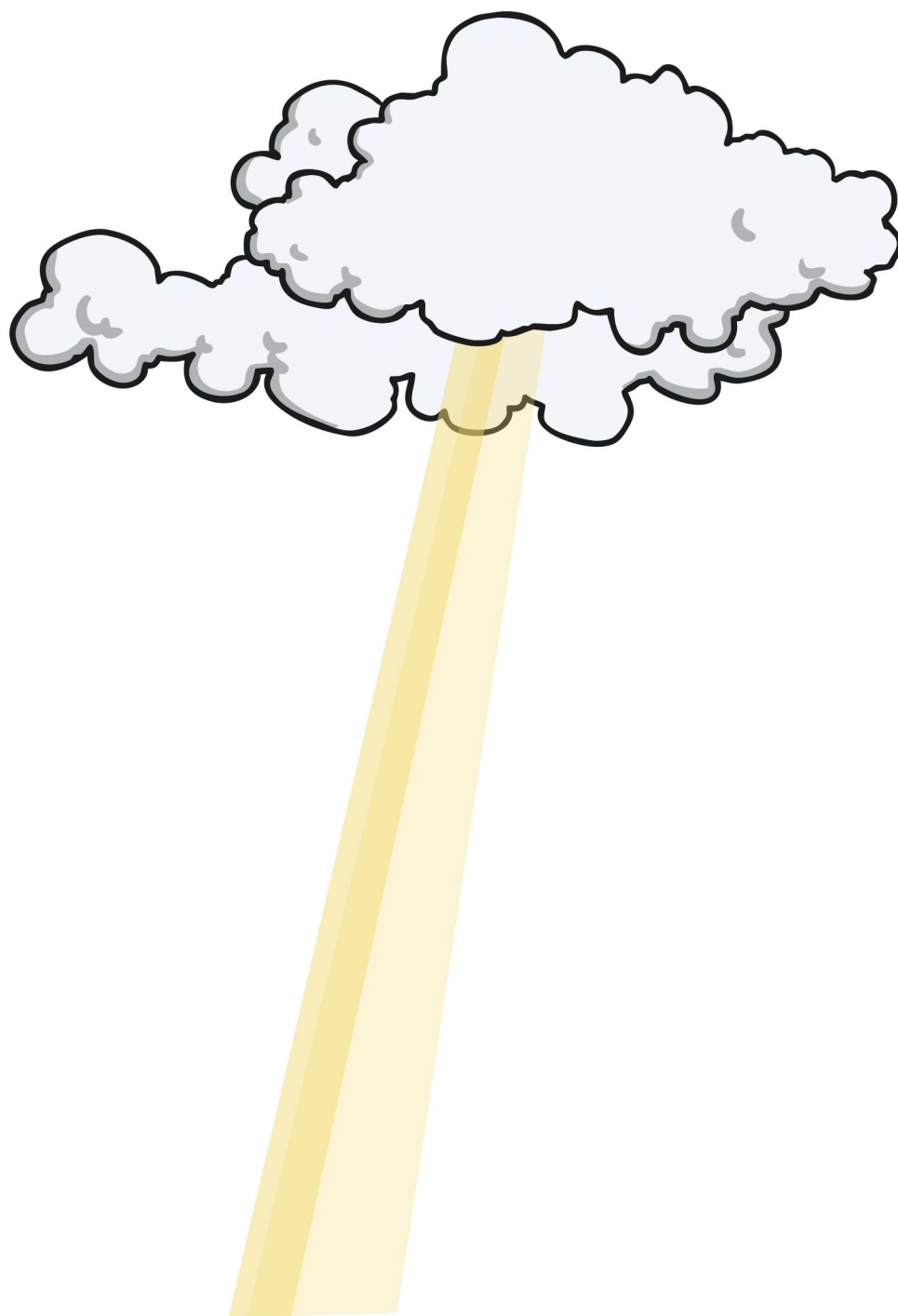
# mirror





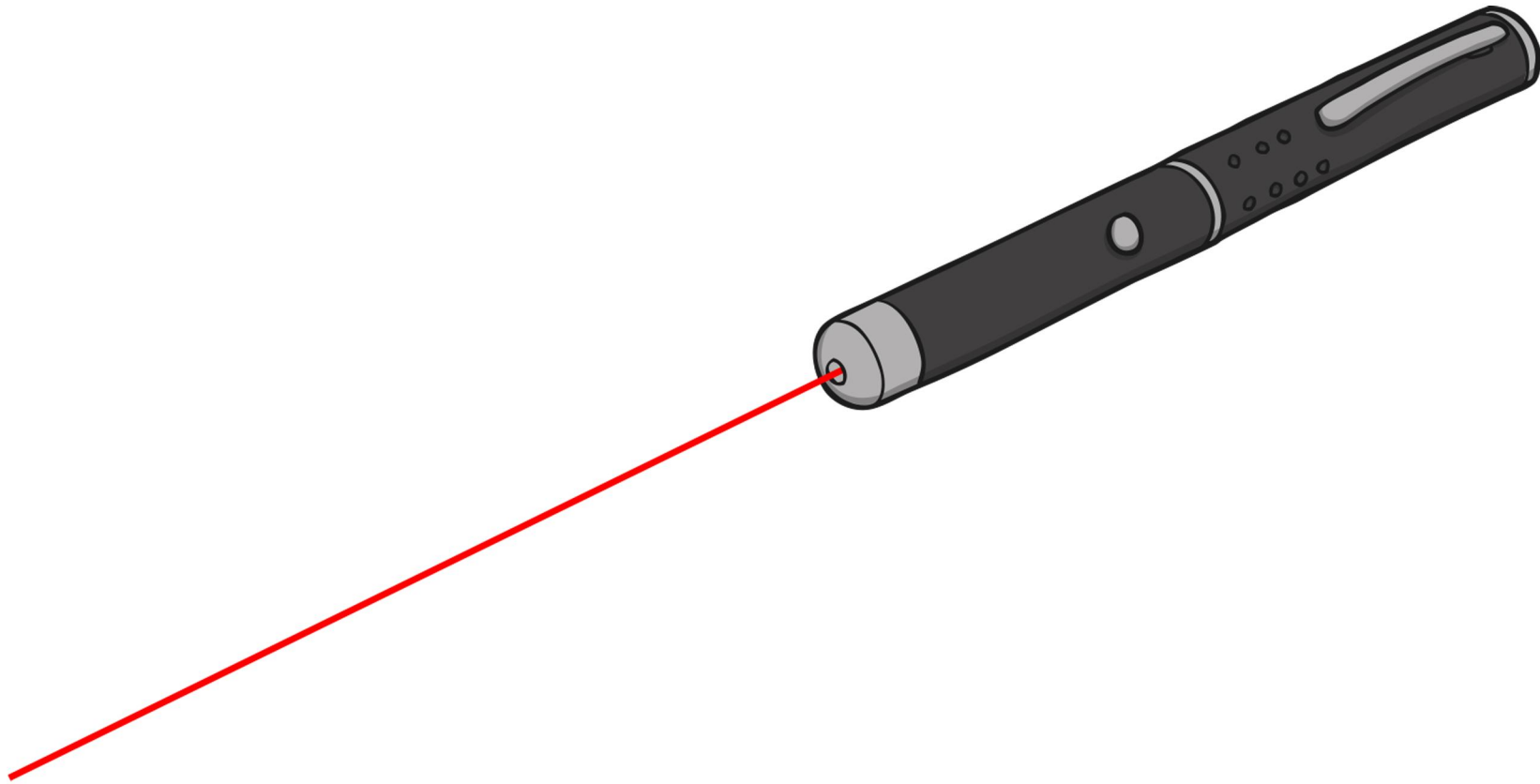


ray



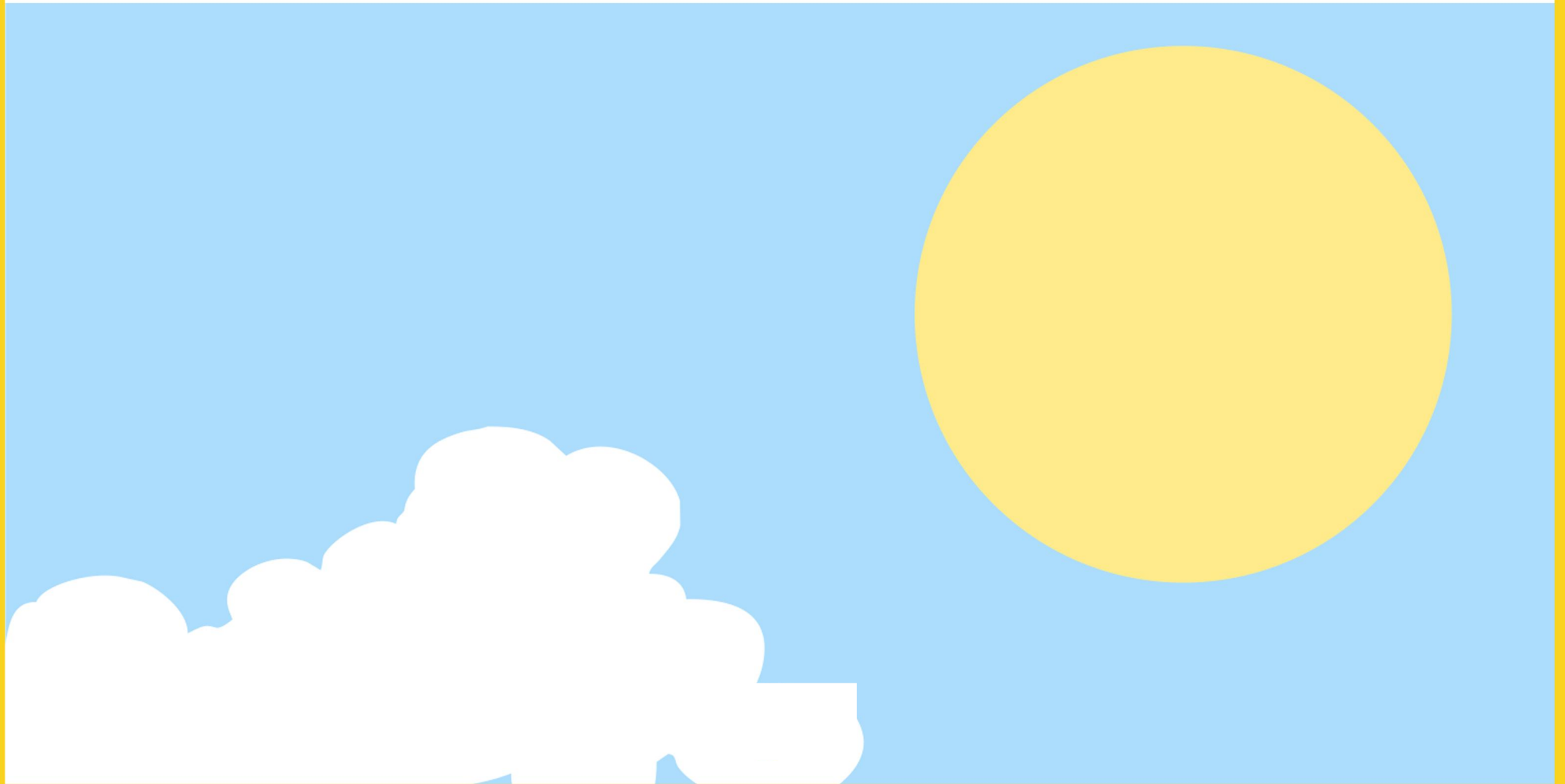


# beam



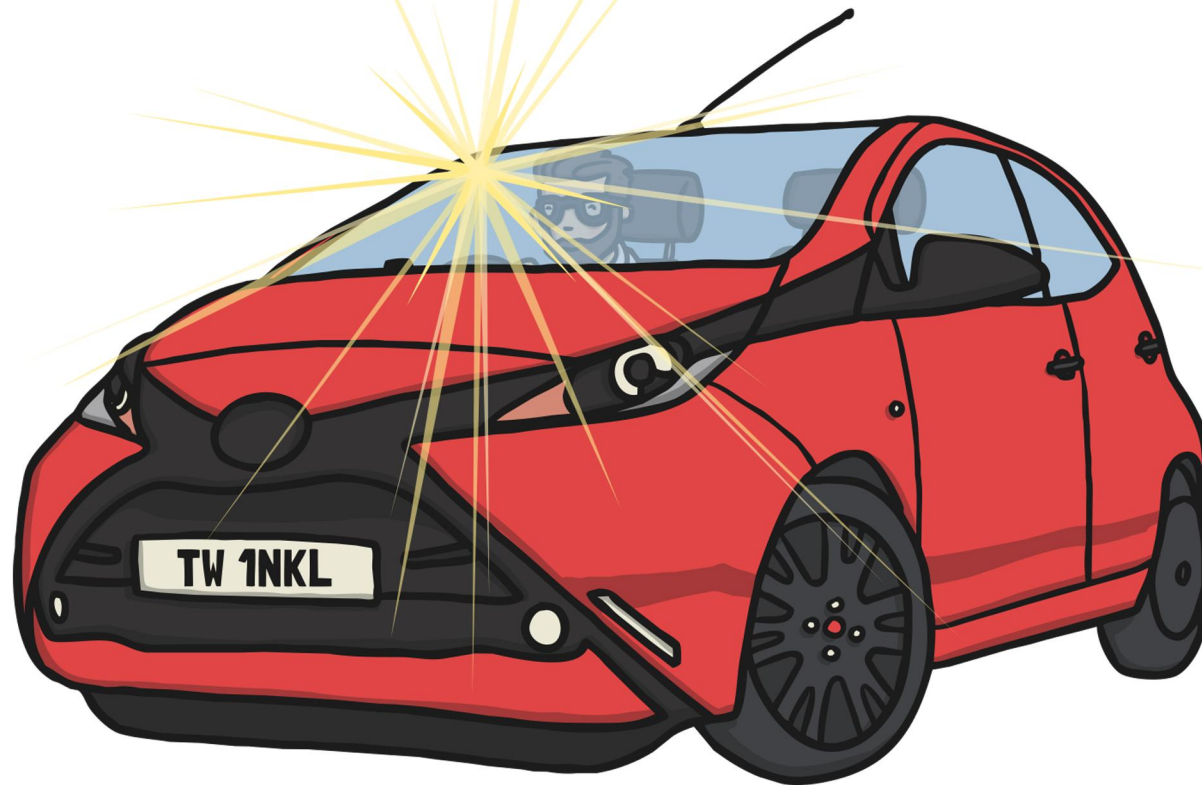


sun





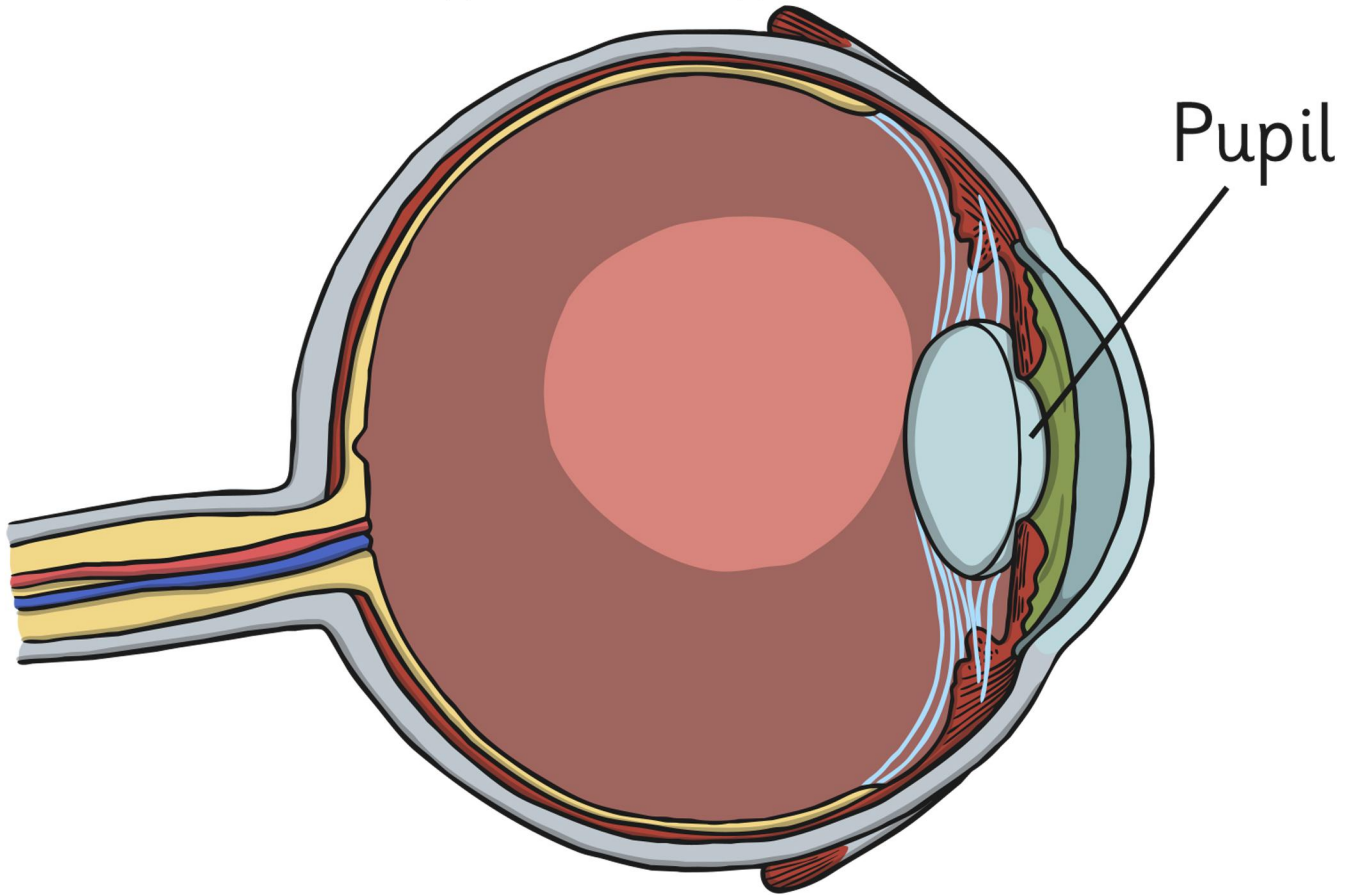
# glare





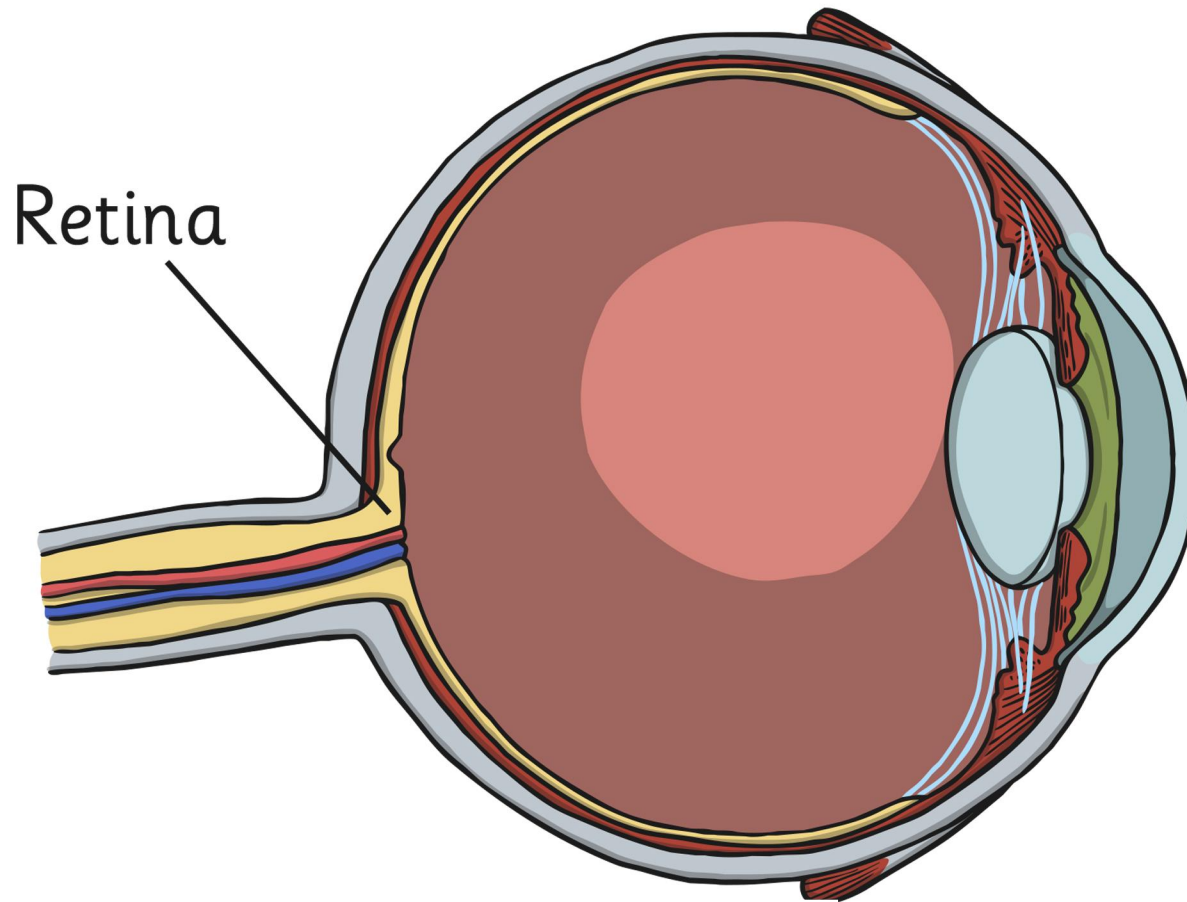


# pupil





# retina





# travel





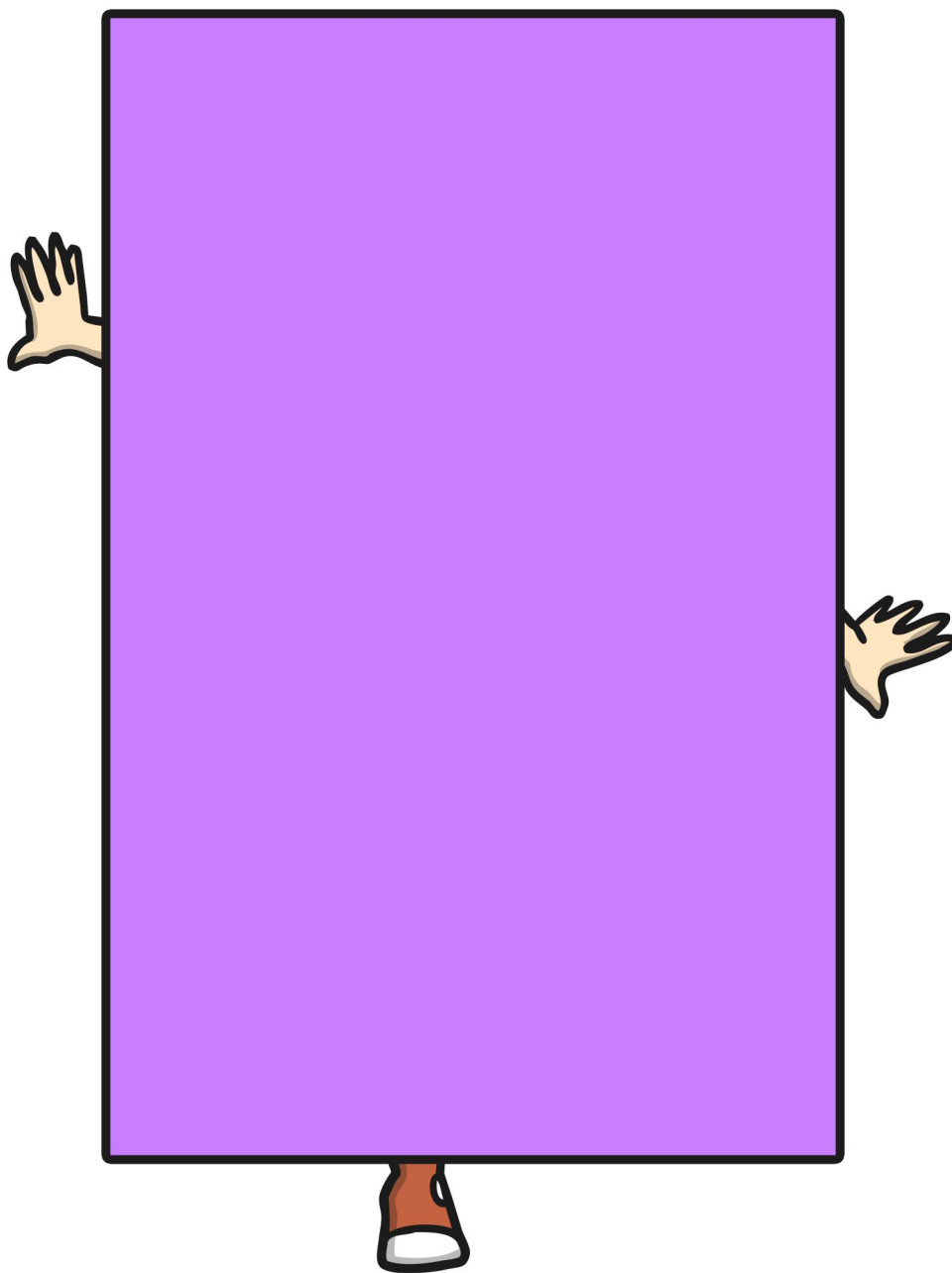
# straight





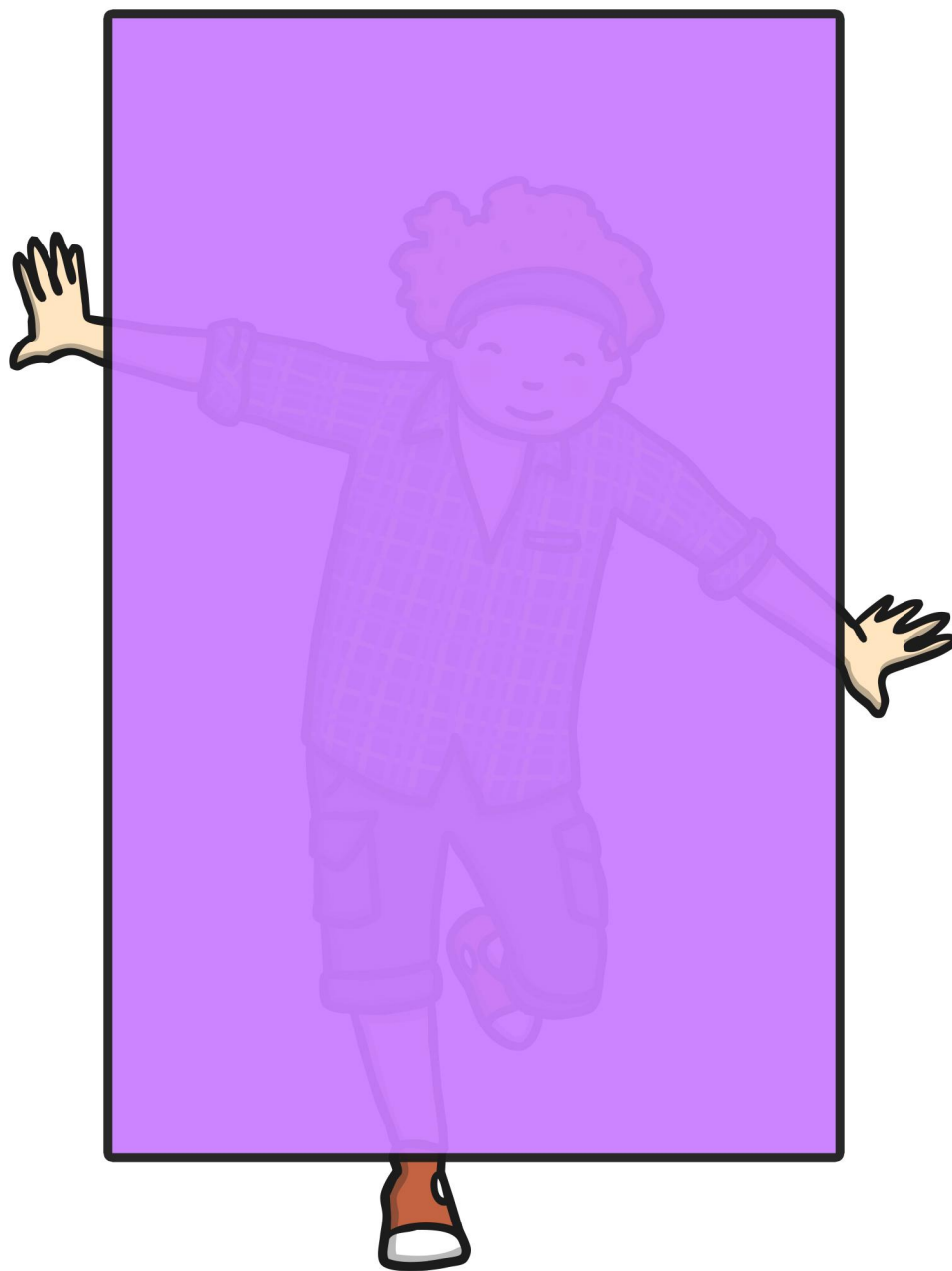


# opaque





# translucent



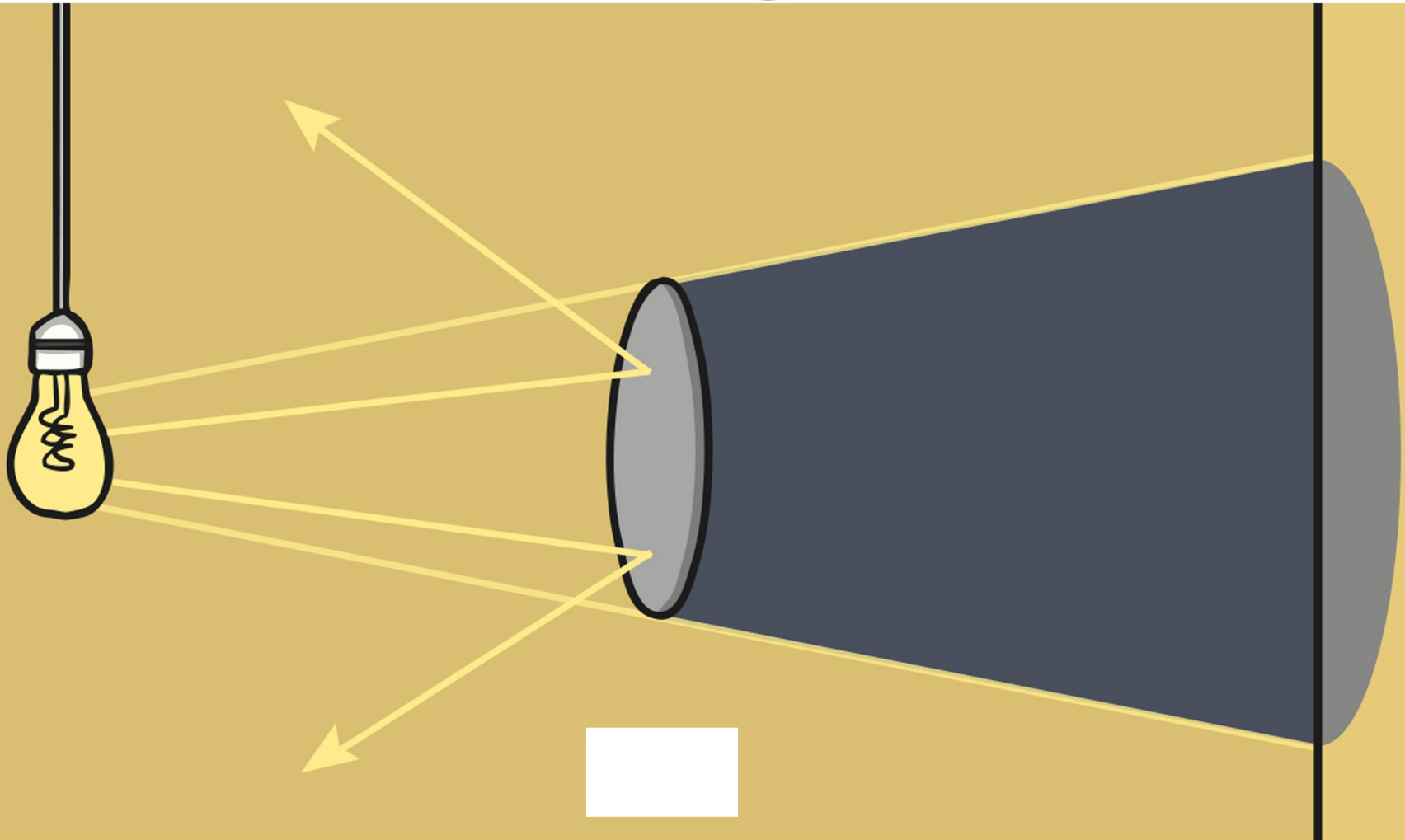


# transparent





# straight





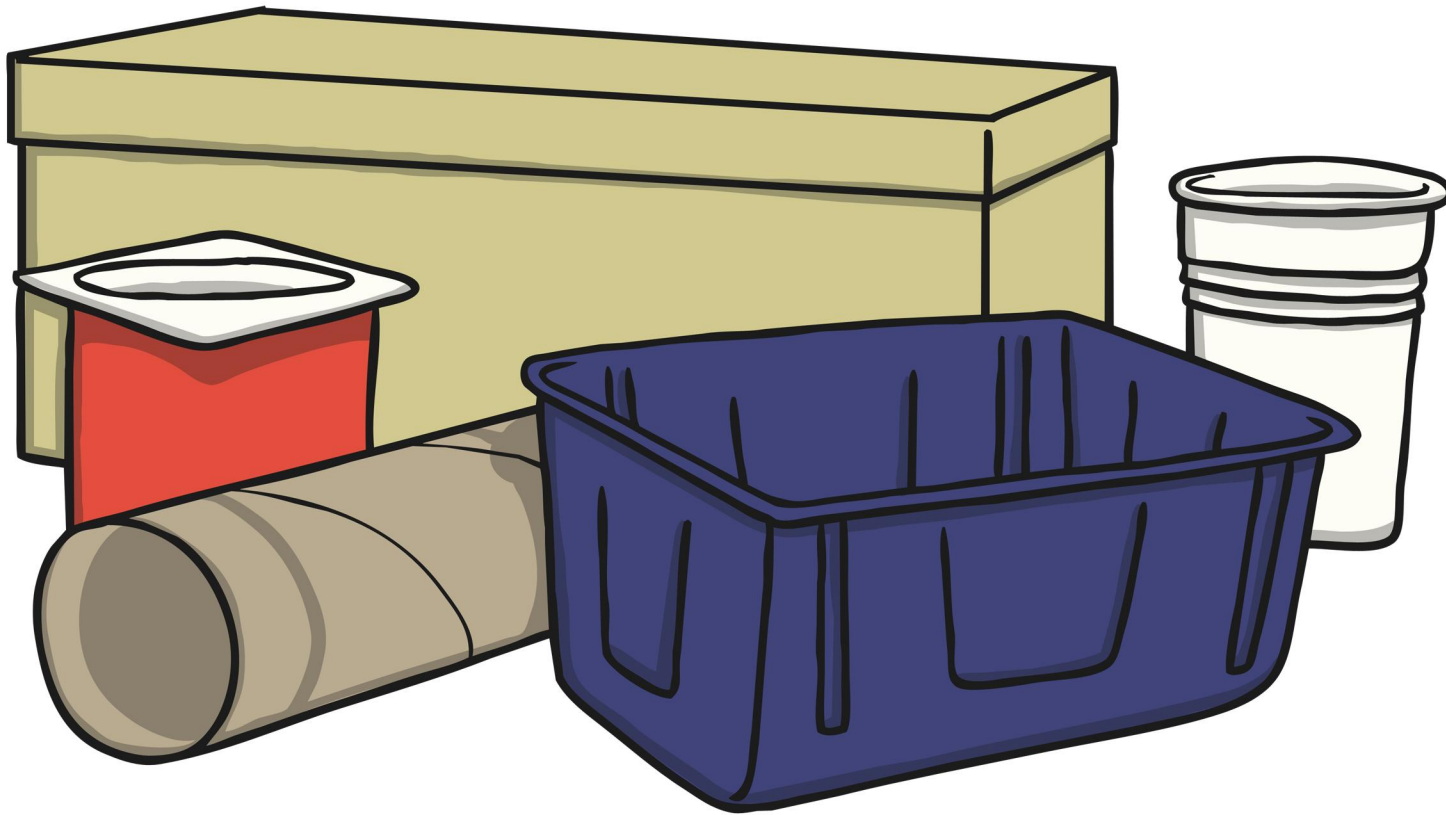


# shadow





# material



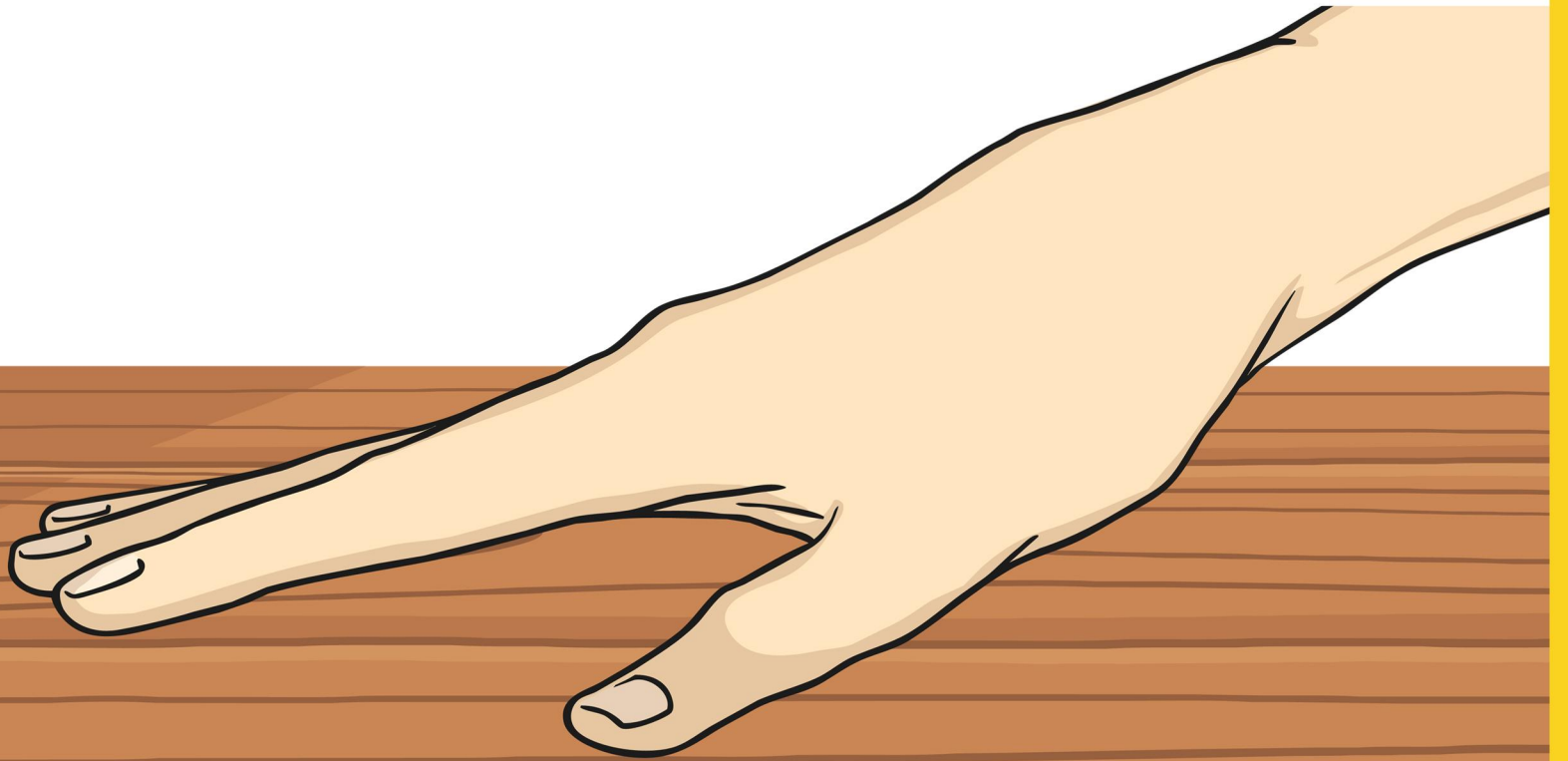


# surface





# smooth





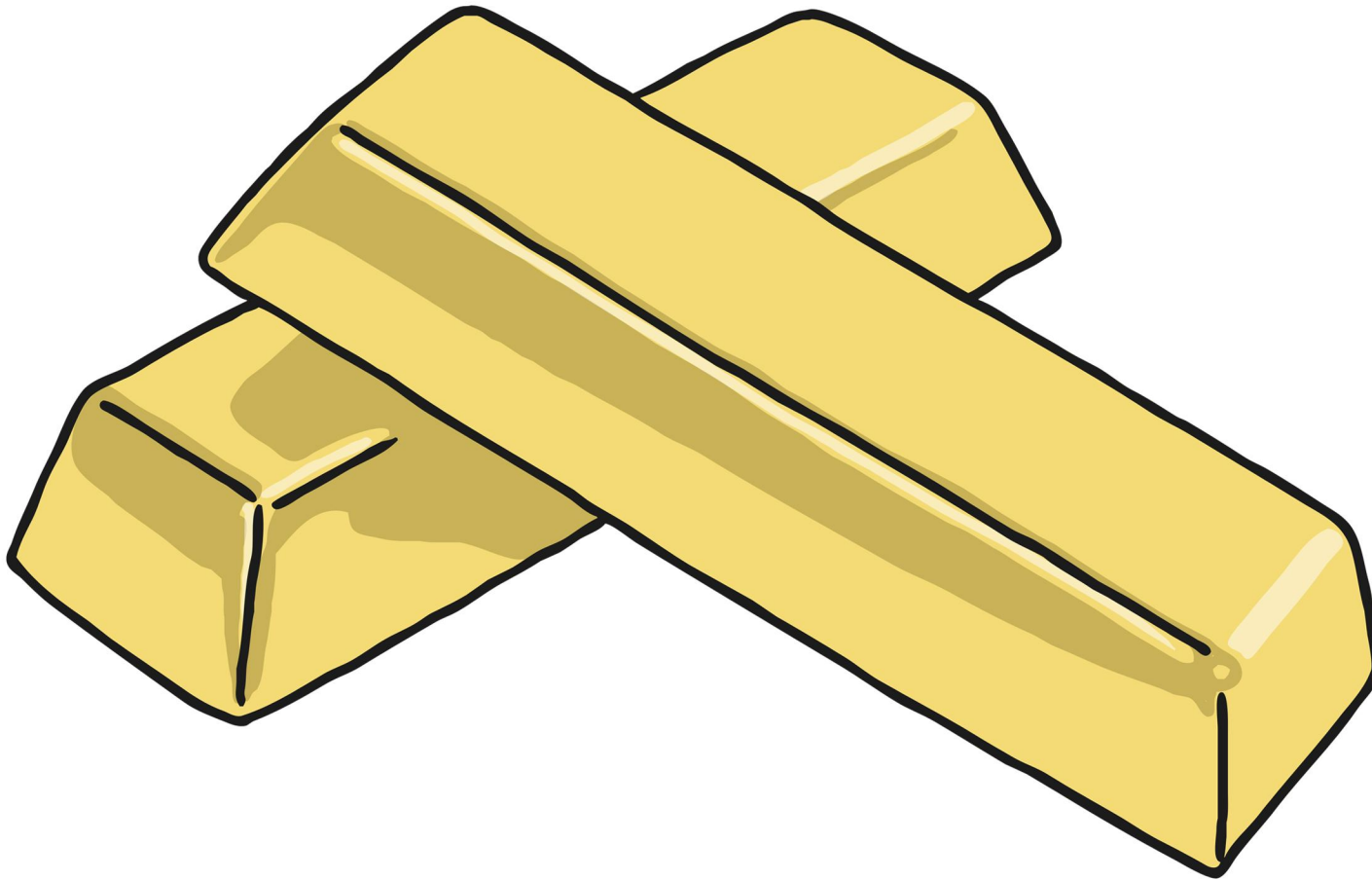


# illuminate



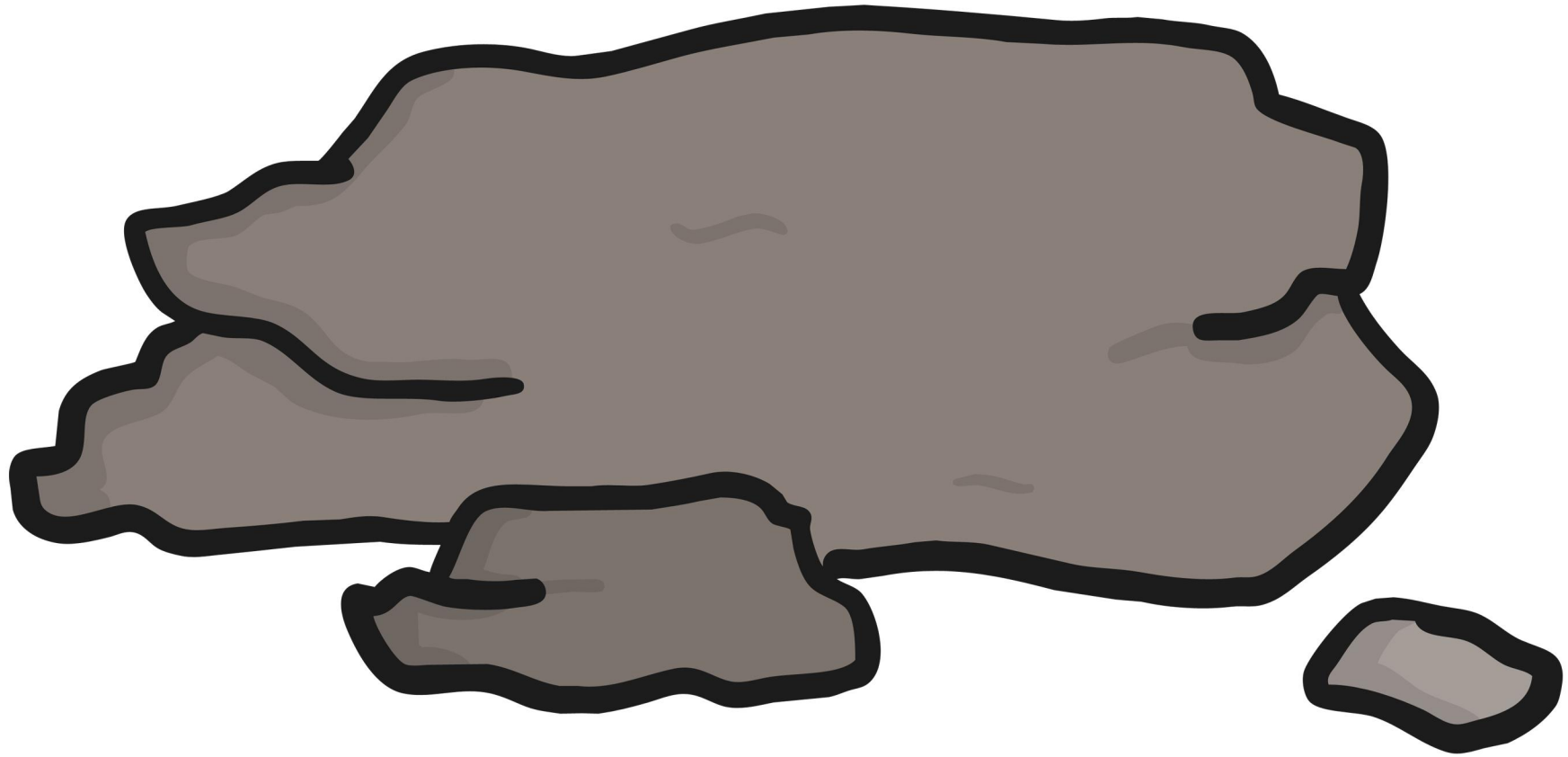


# shiny





# rough





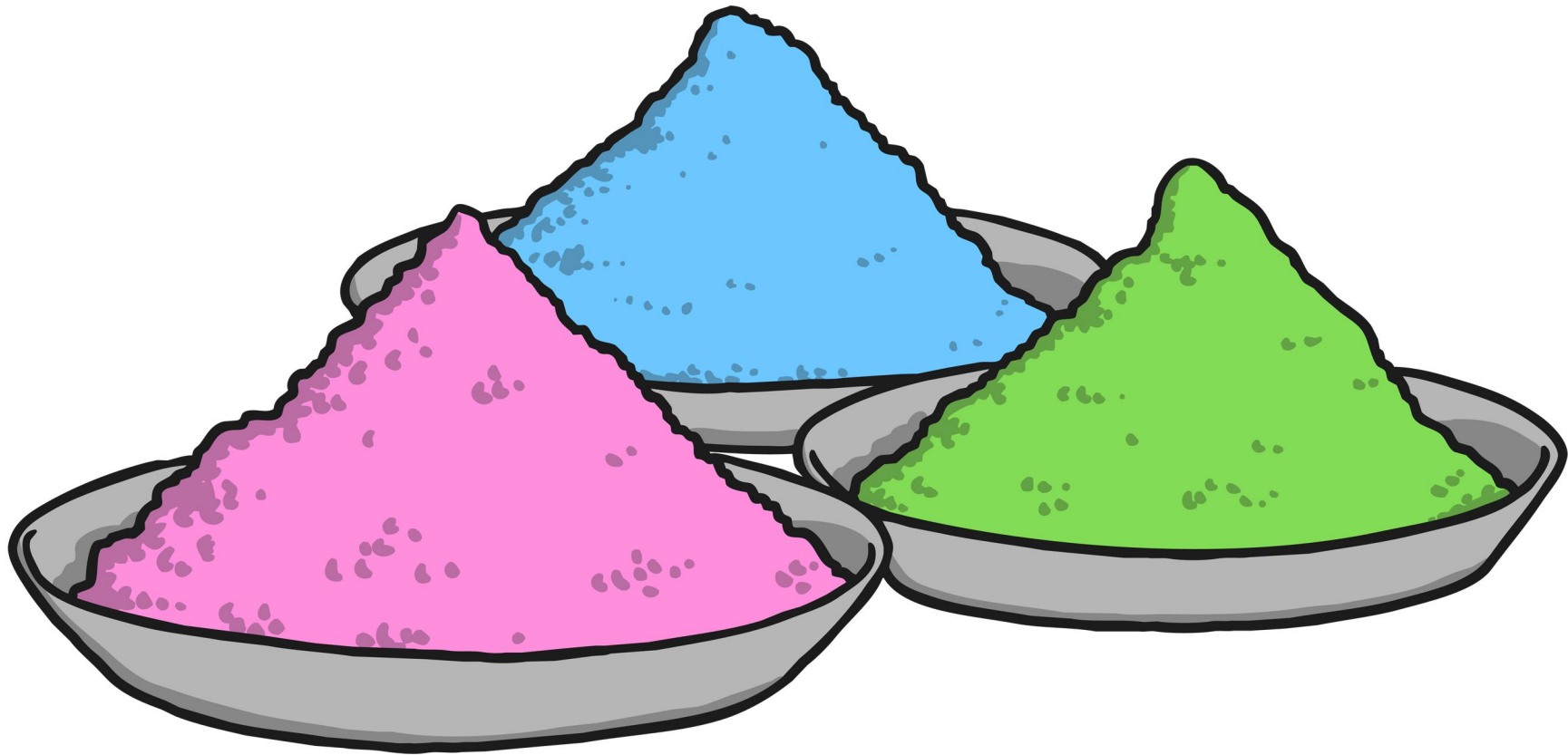
# reverse







# bright



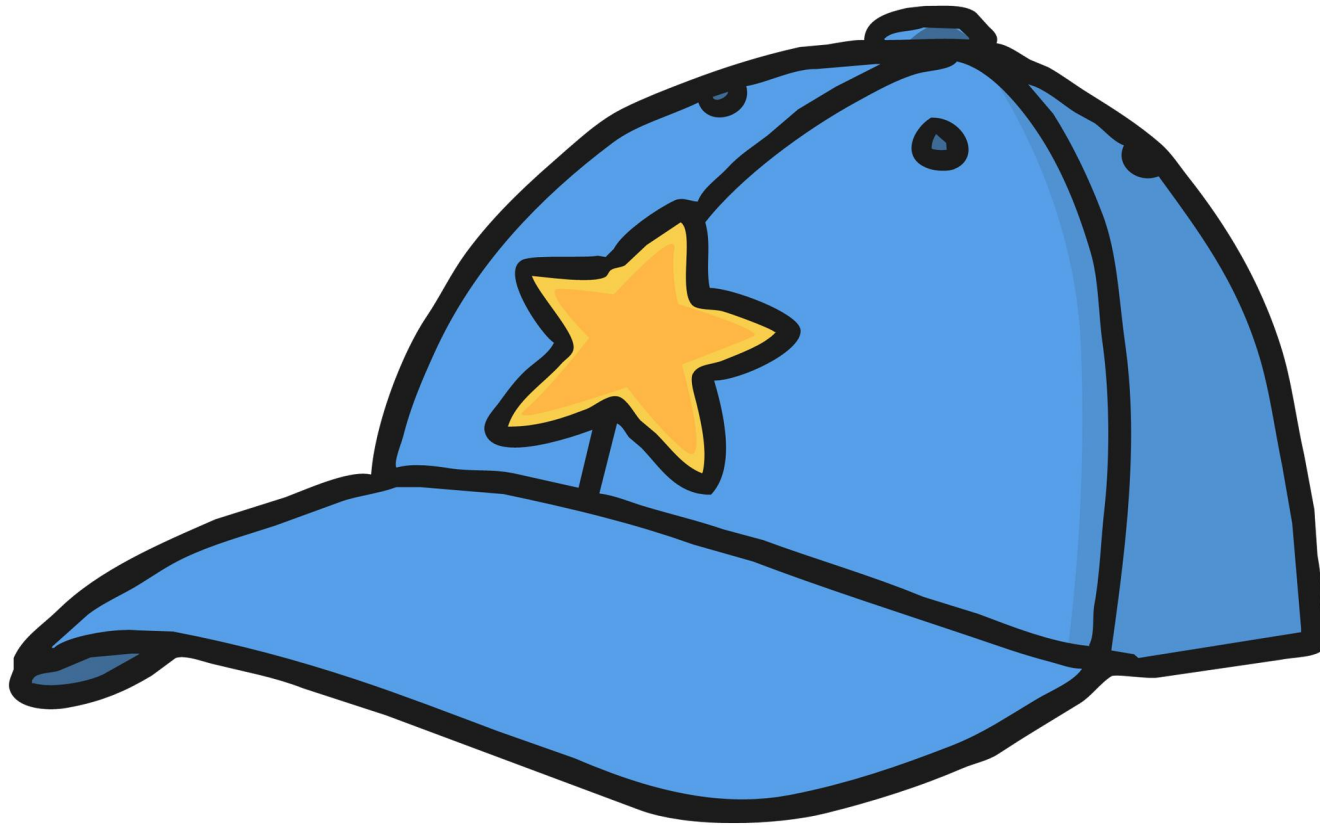


# sunglasses





hat





# brim







# energy



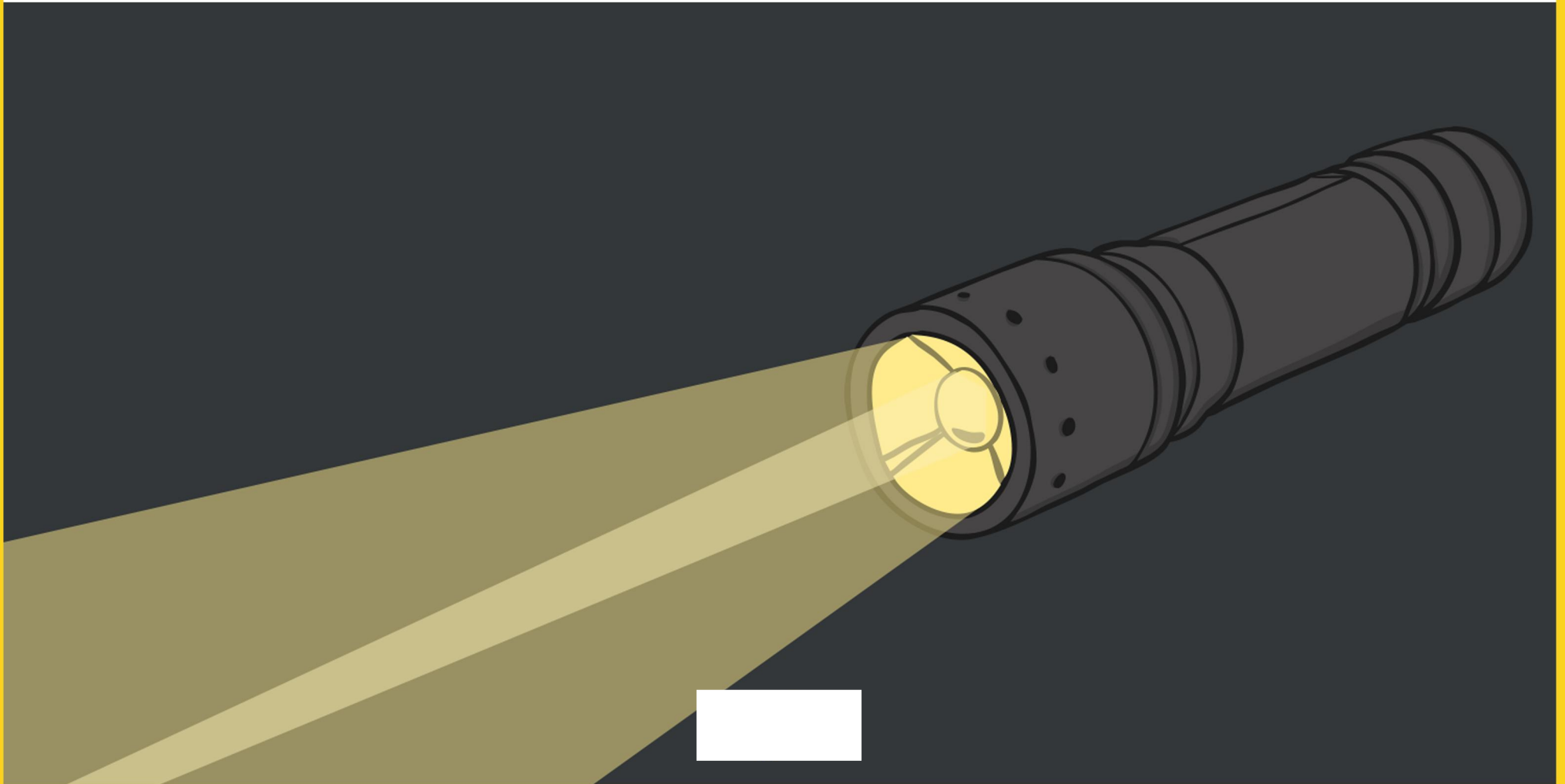


light





source





dark







reflect

Reflect



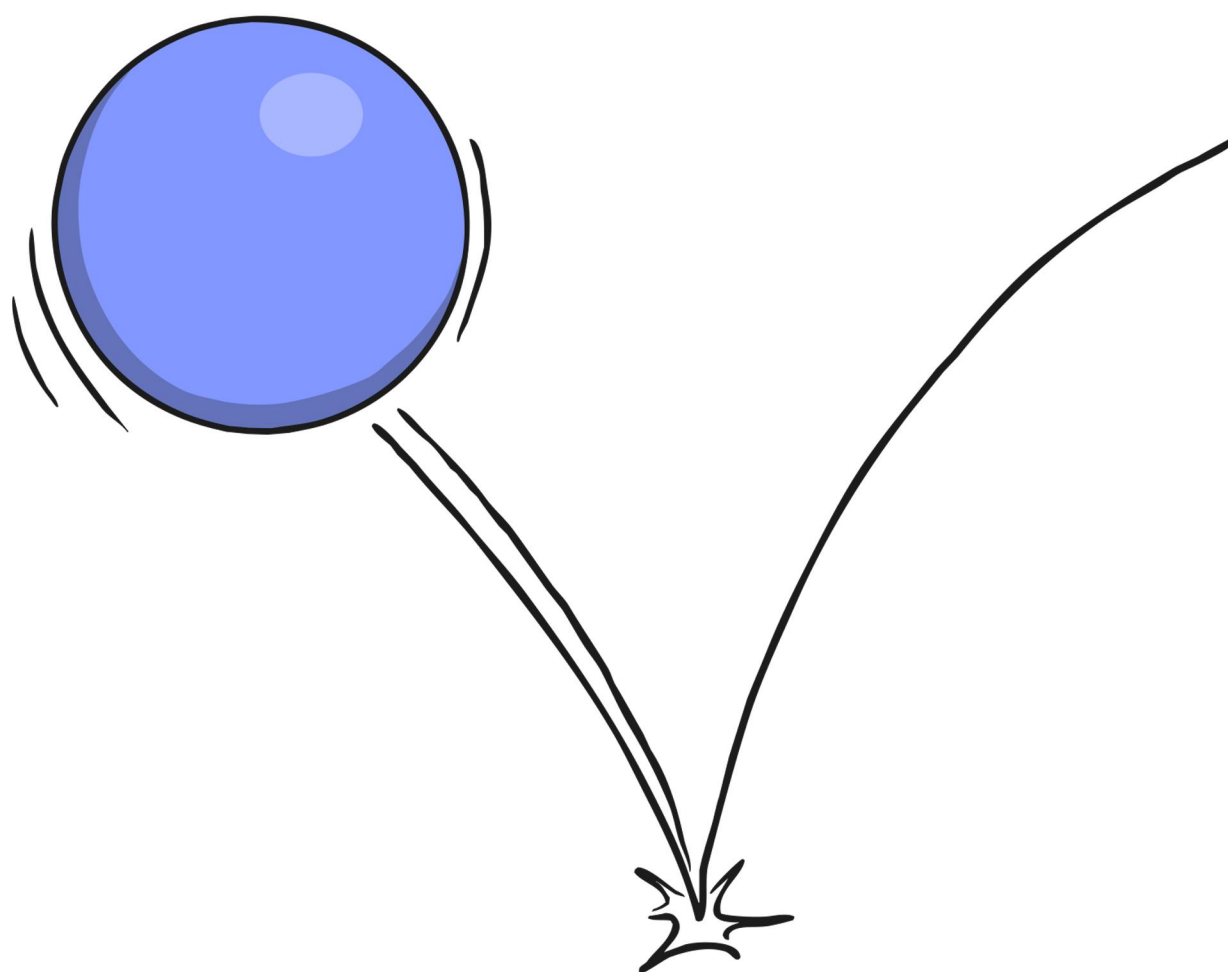


*visible*





# bounce





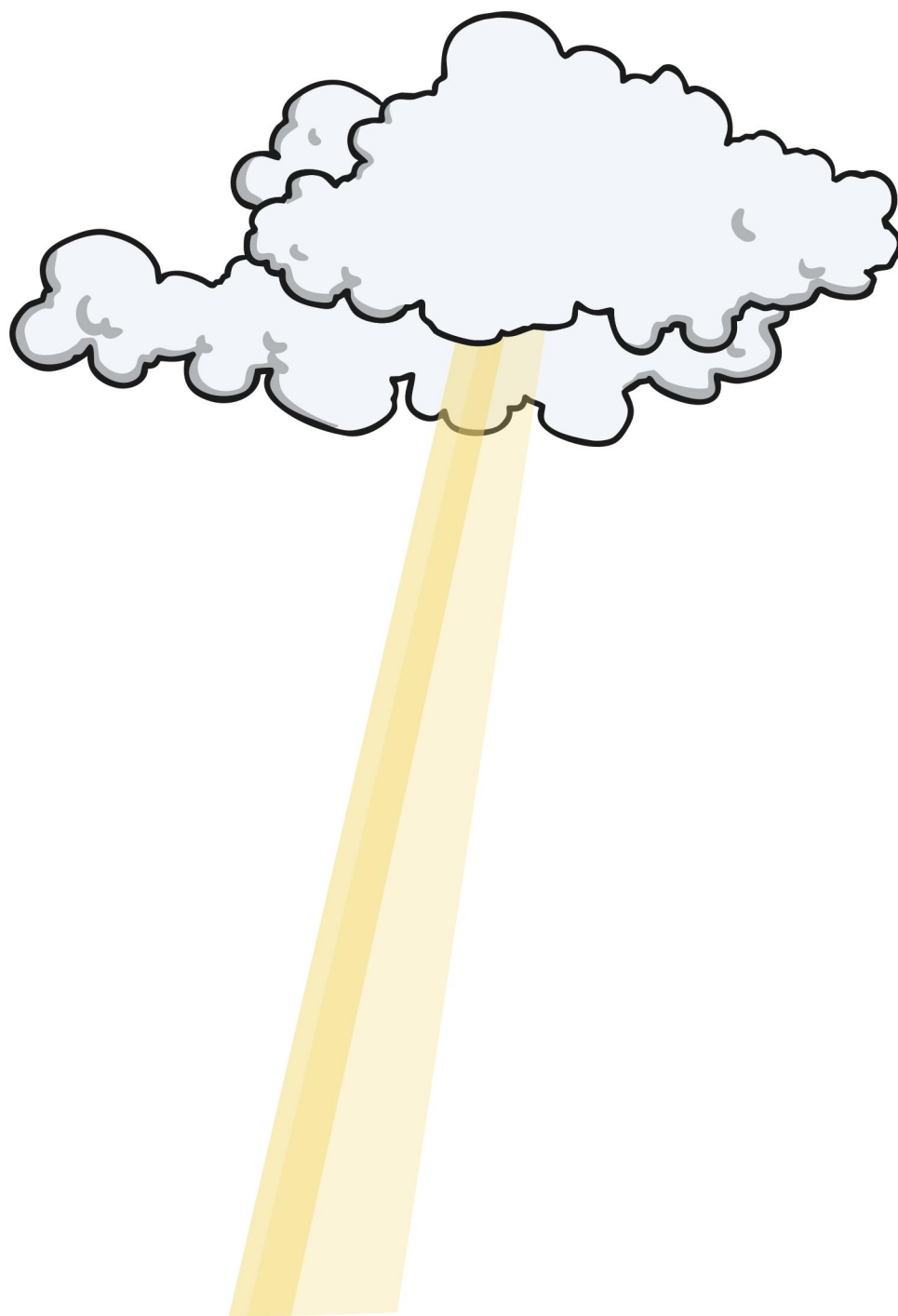
# mirror





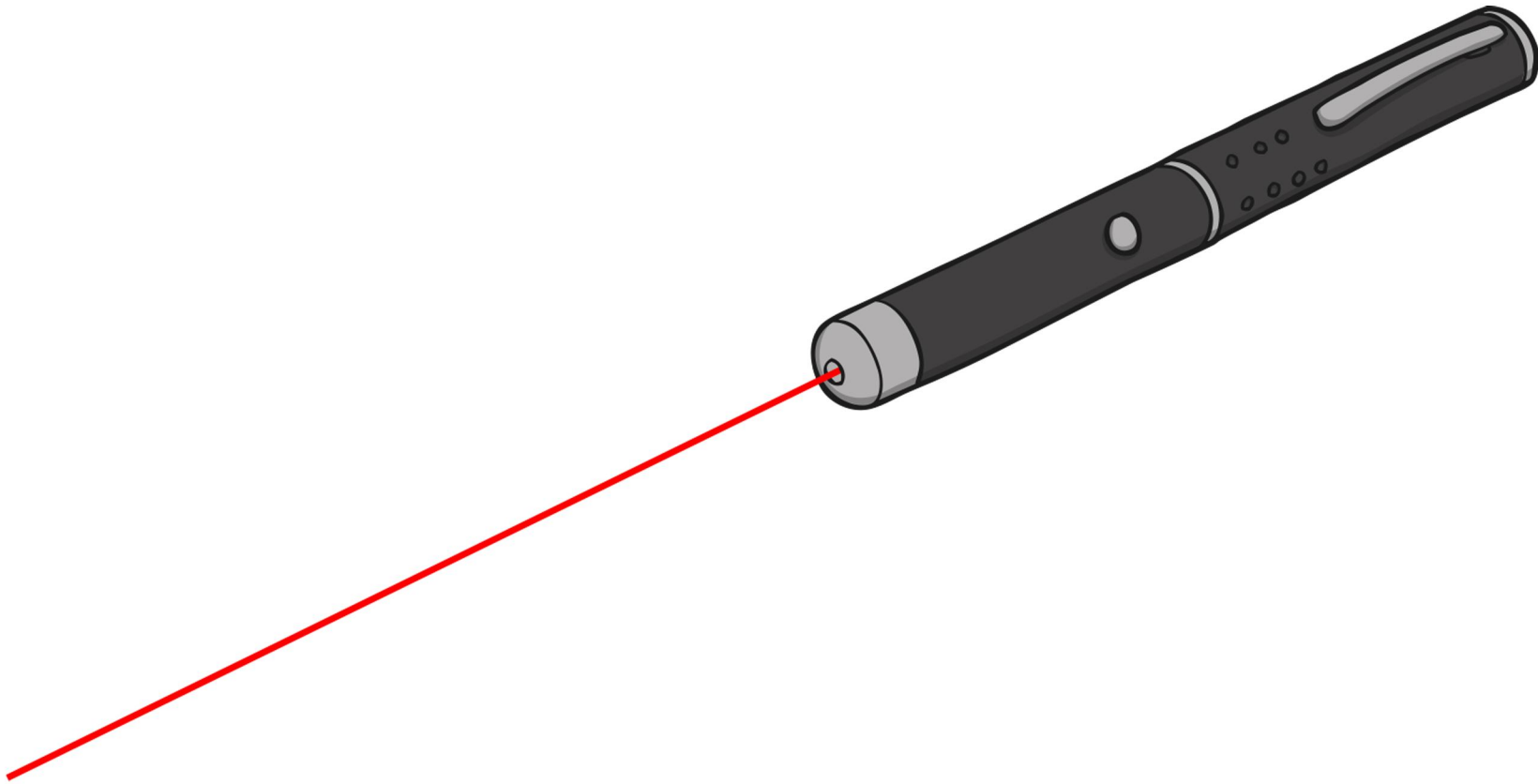


ray





beam



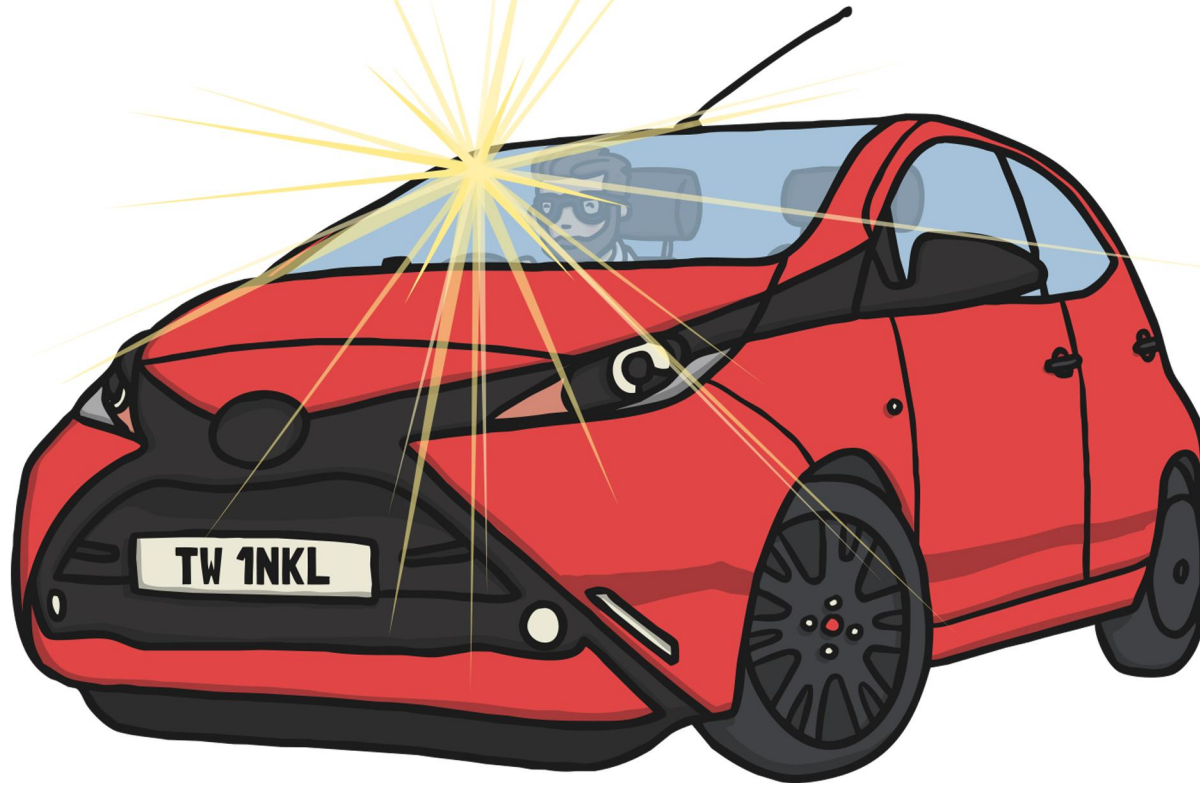


sun





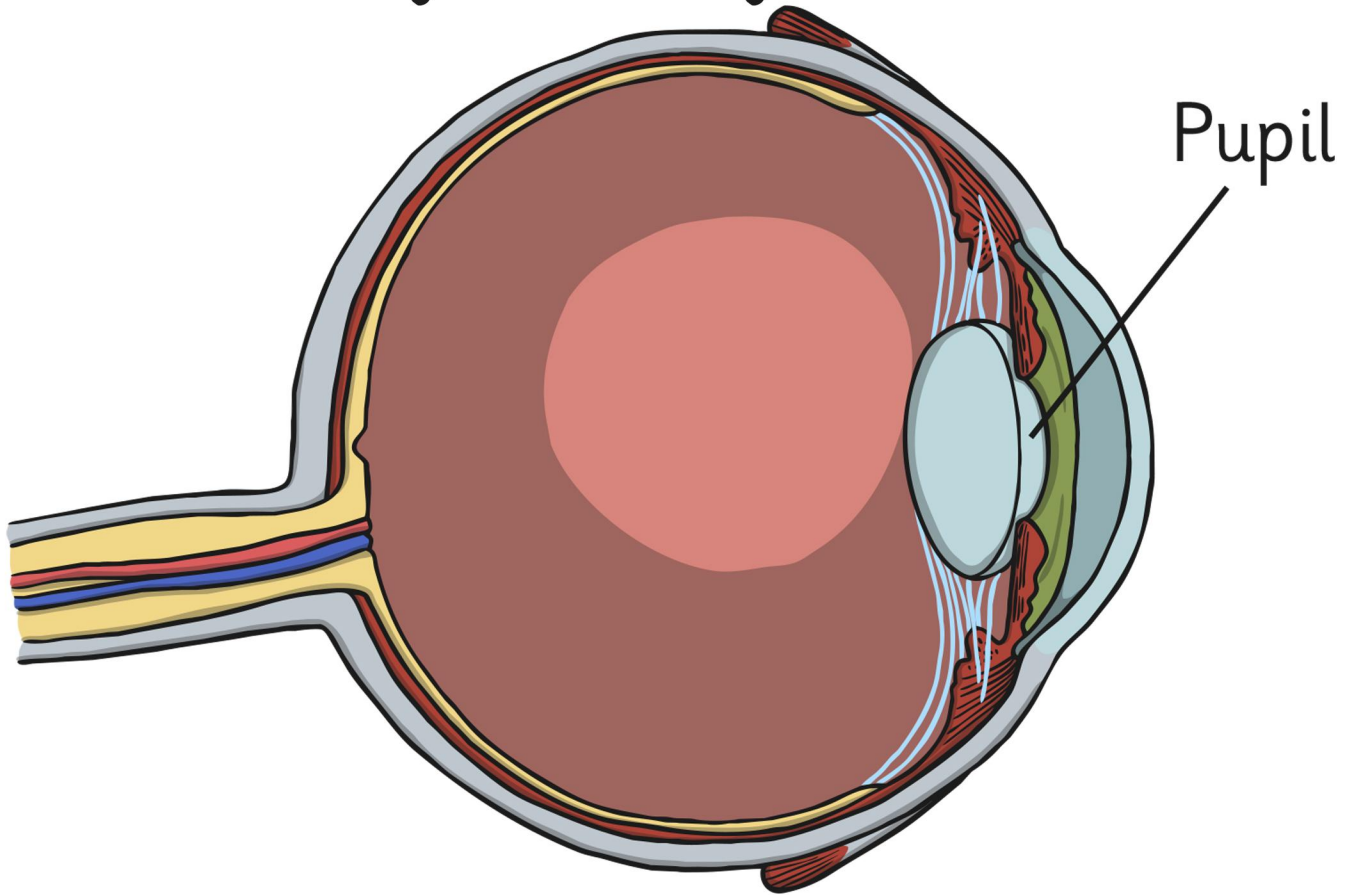
glare





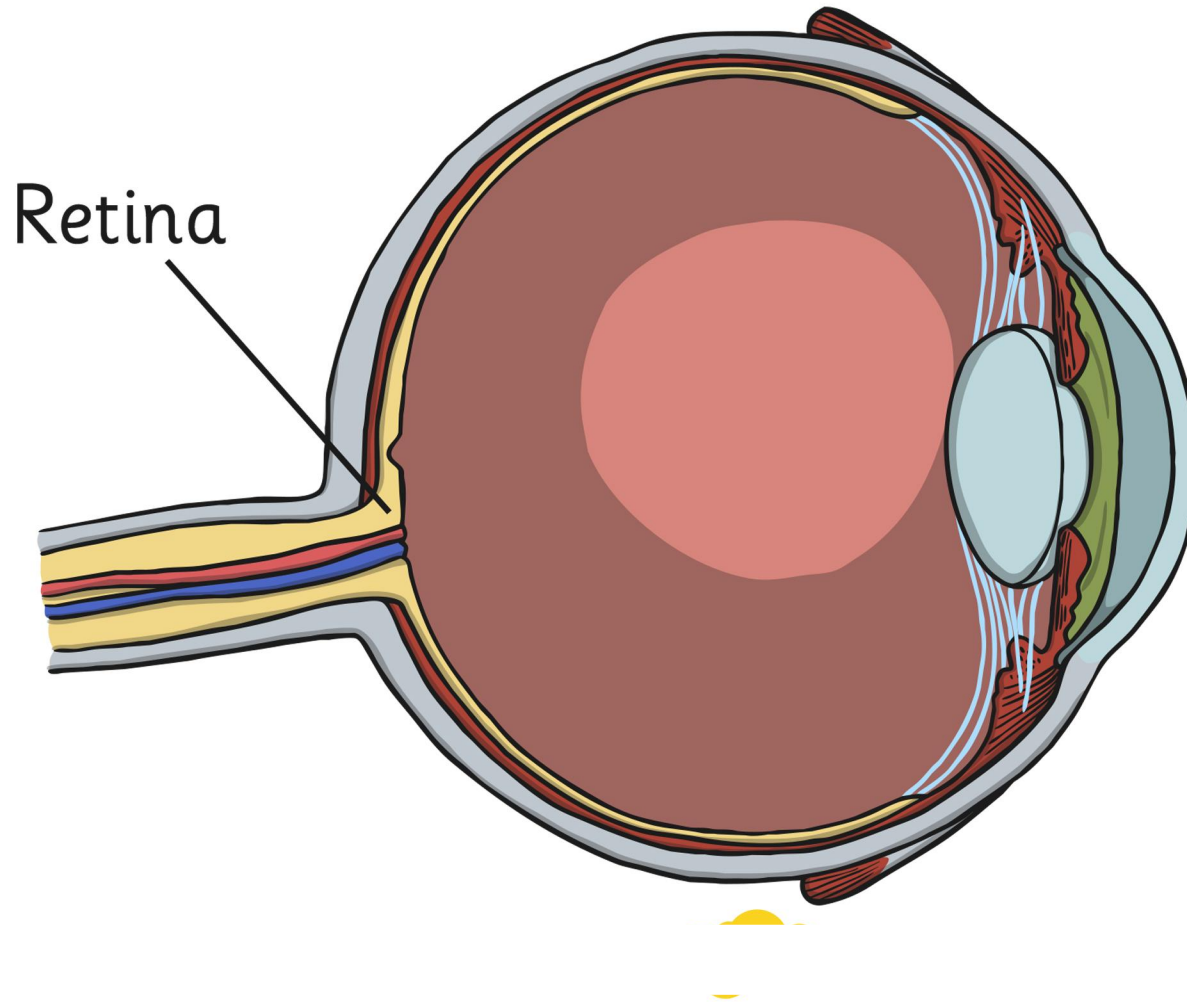


# pupil





# retina





# travel





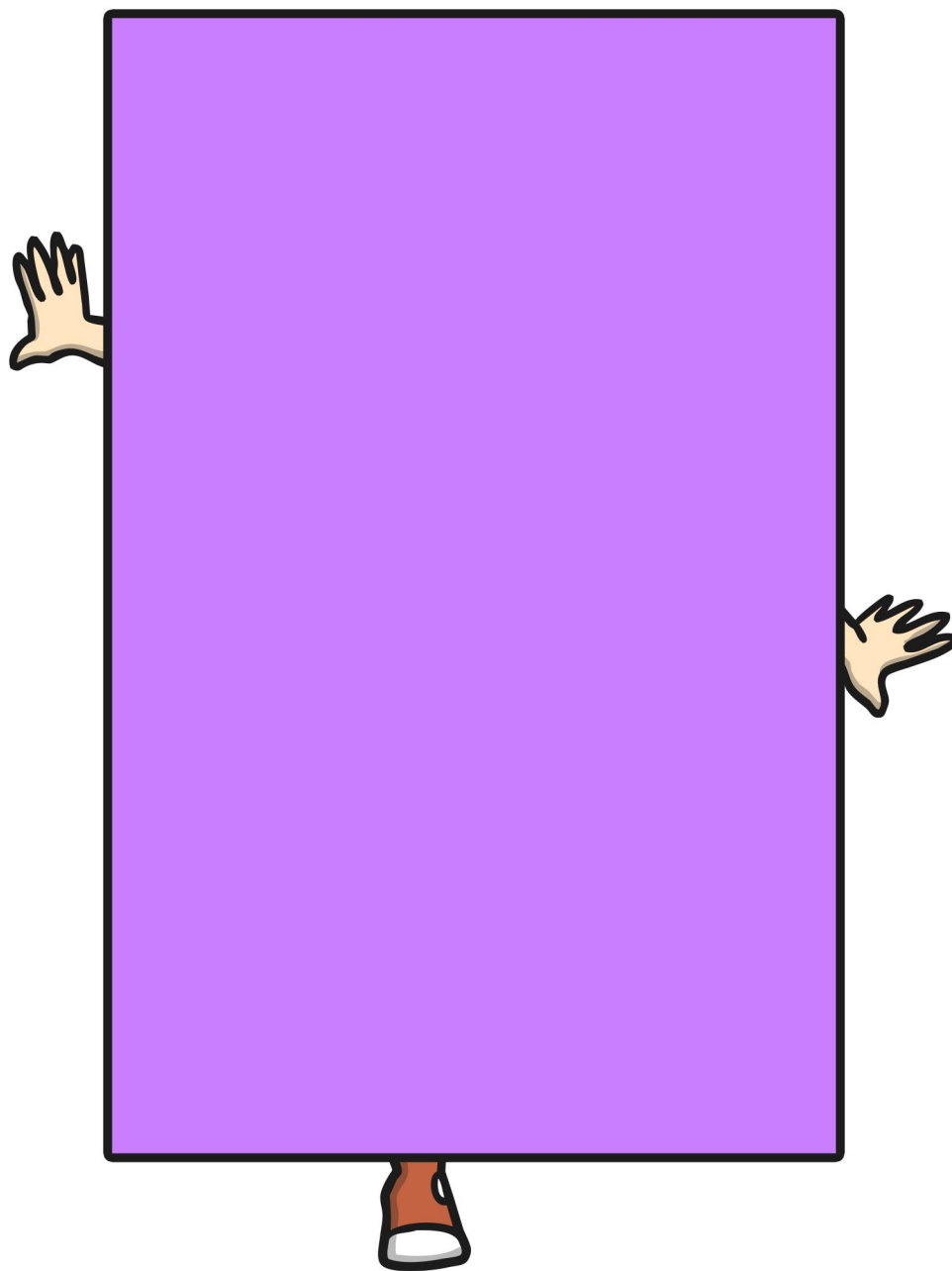
*straight*





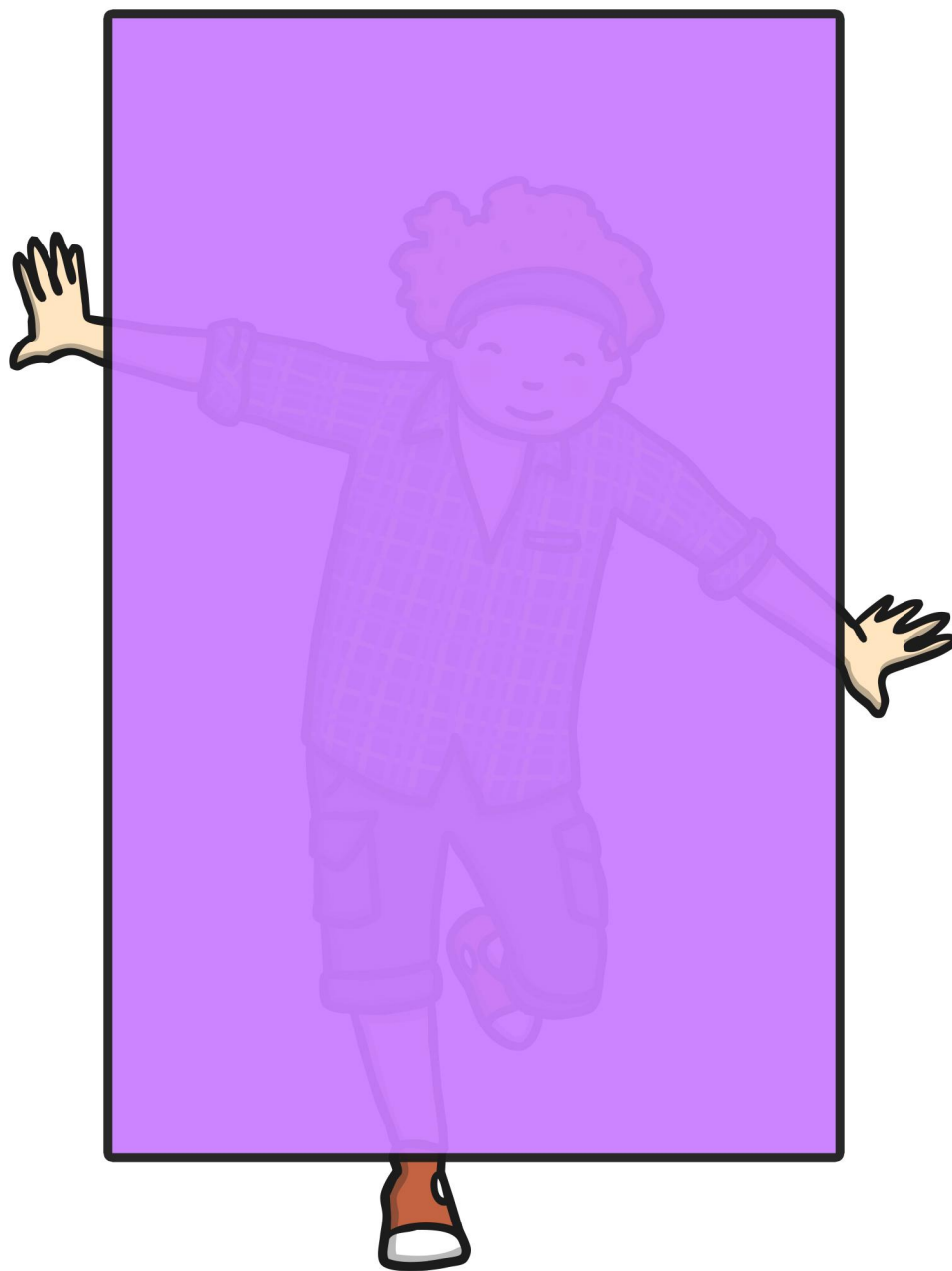


opaque





# translucent



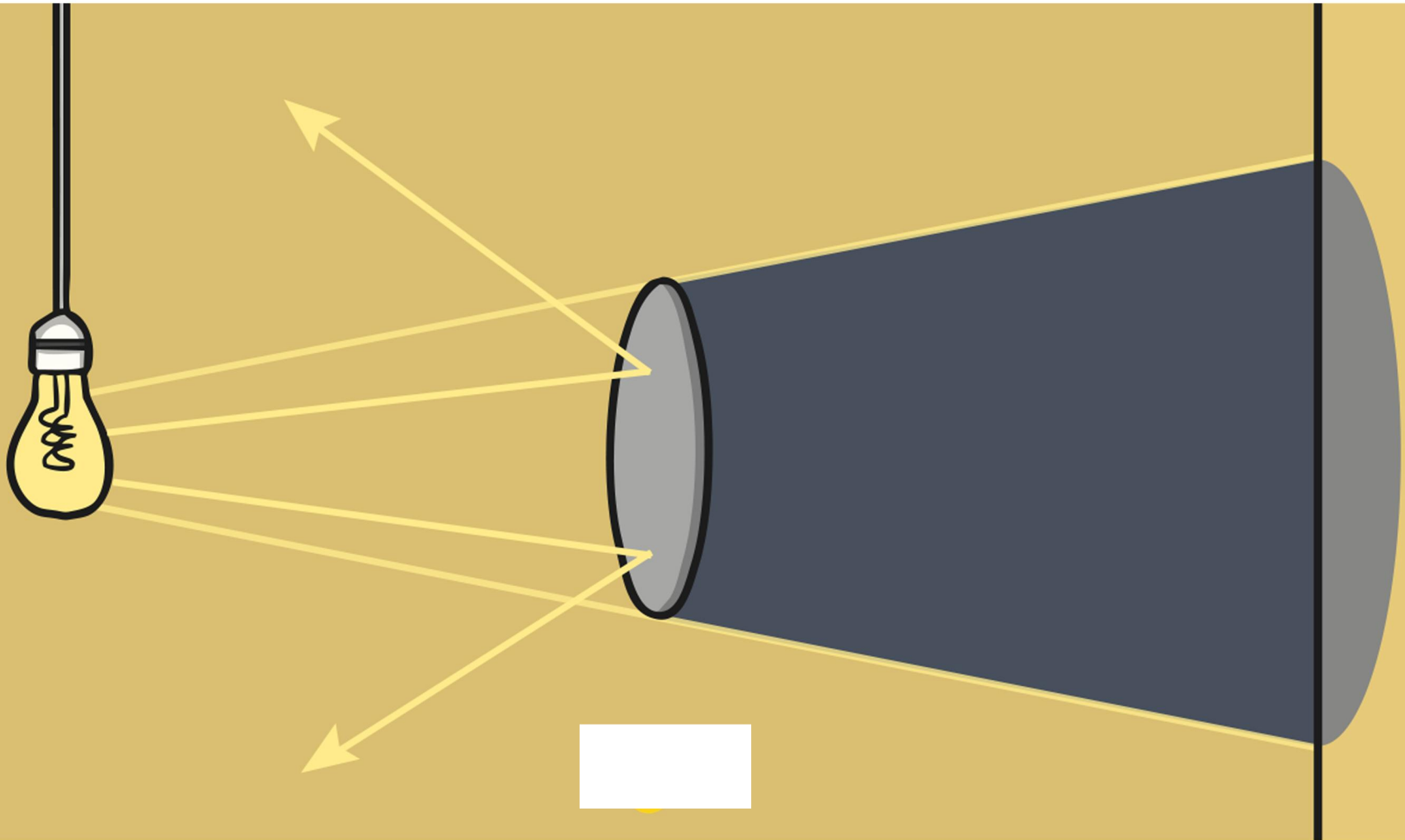


# transparent





# straight





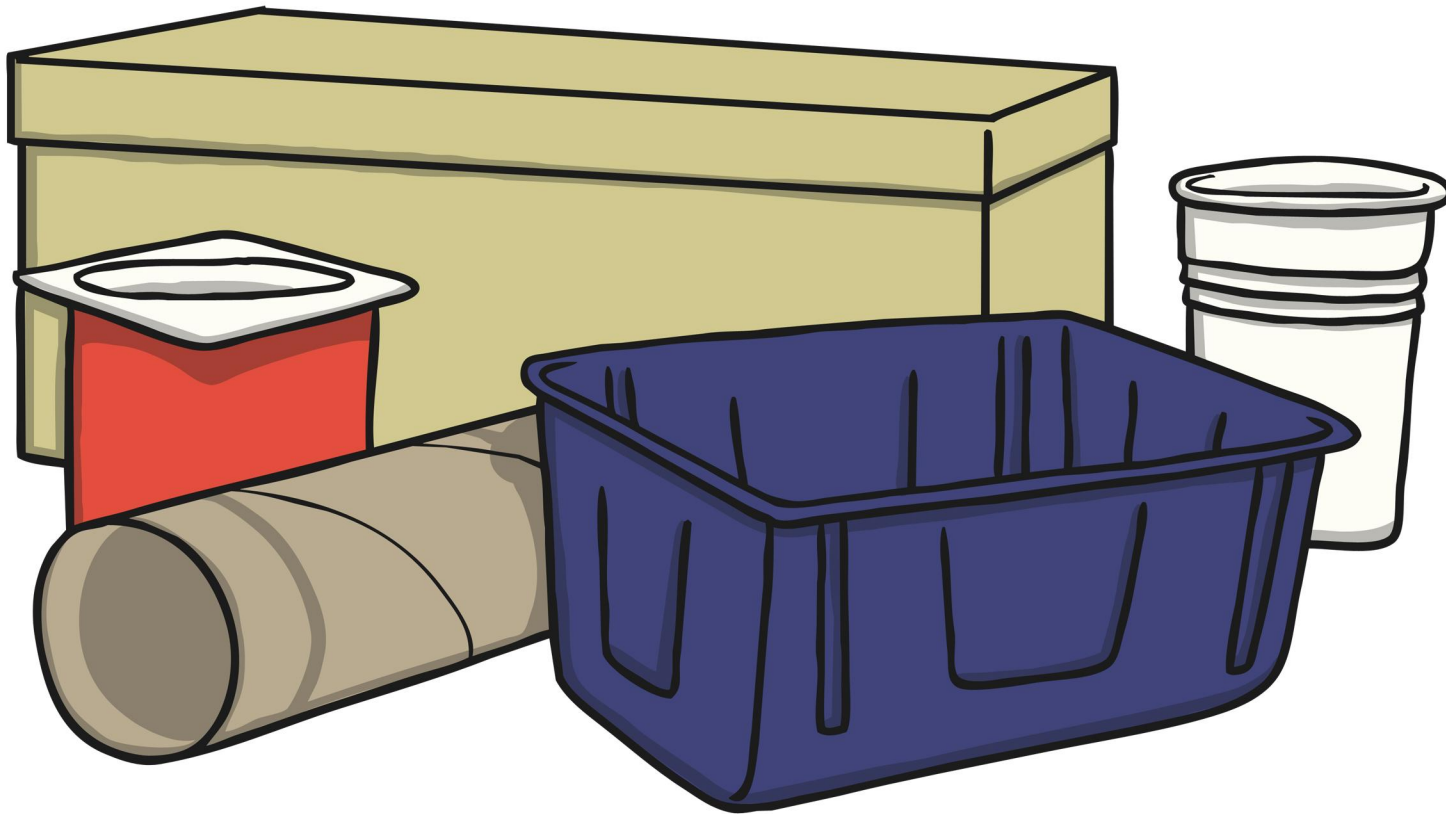


# shadow



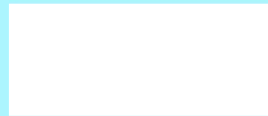


# material



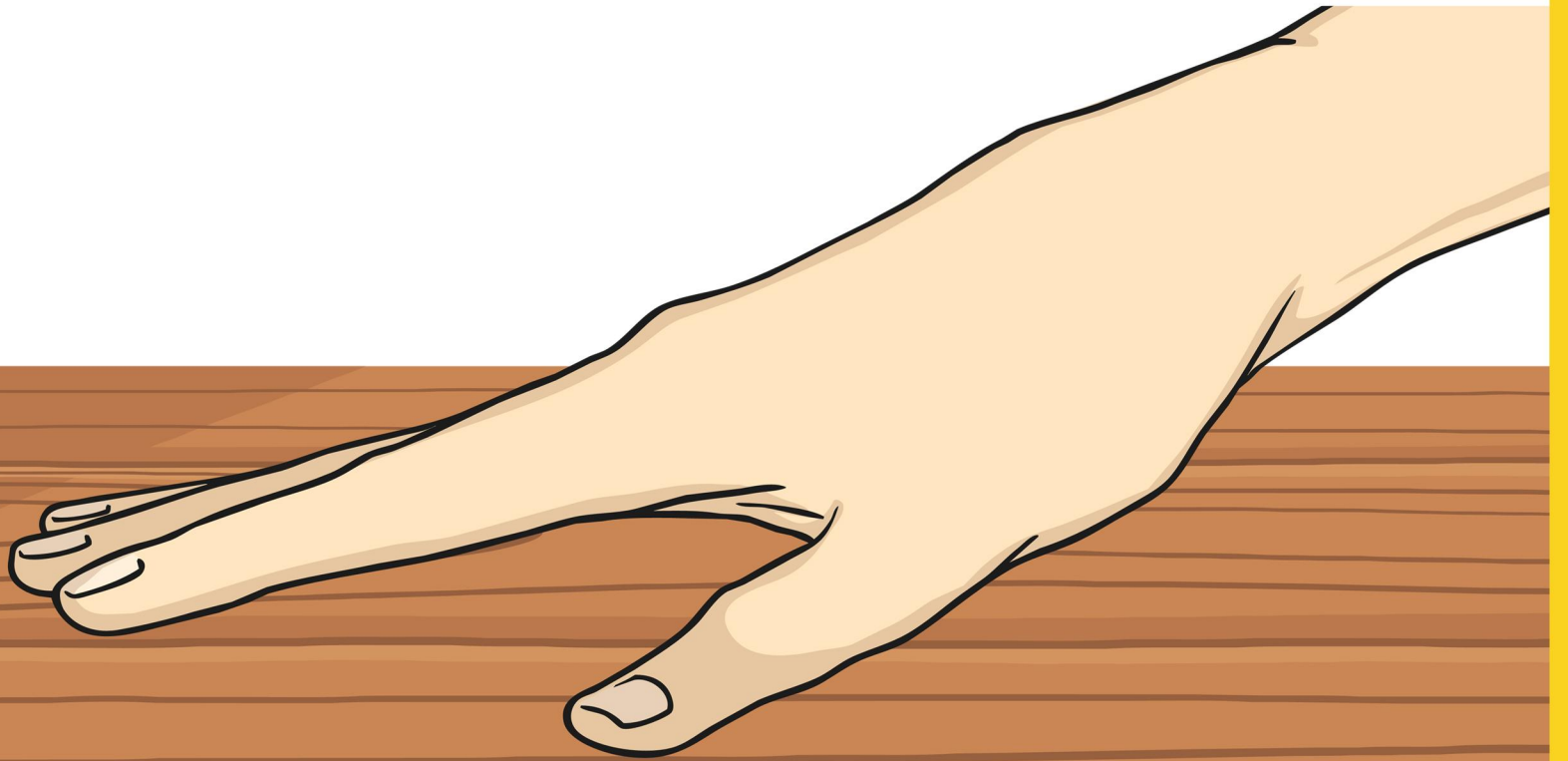


surface





smooth





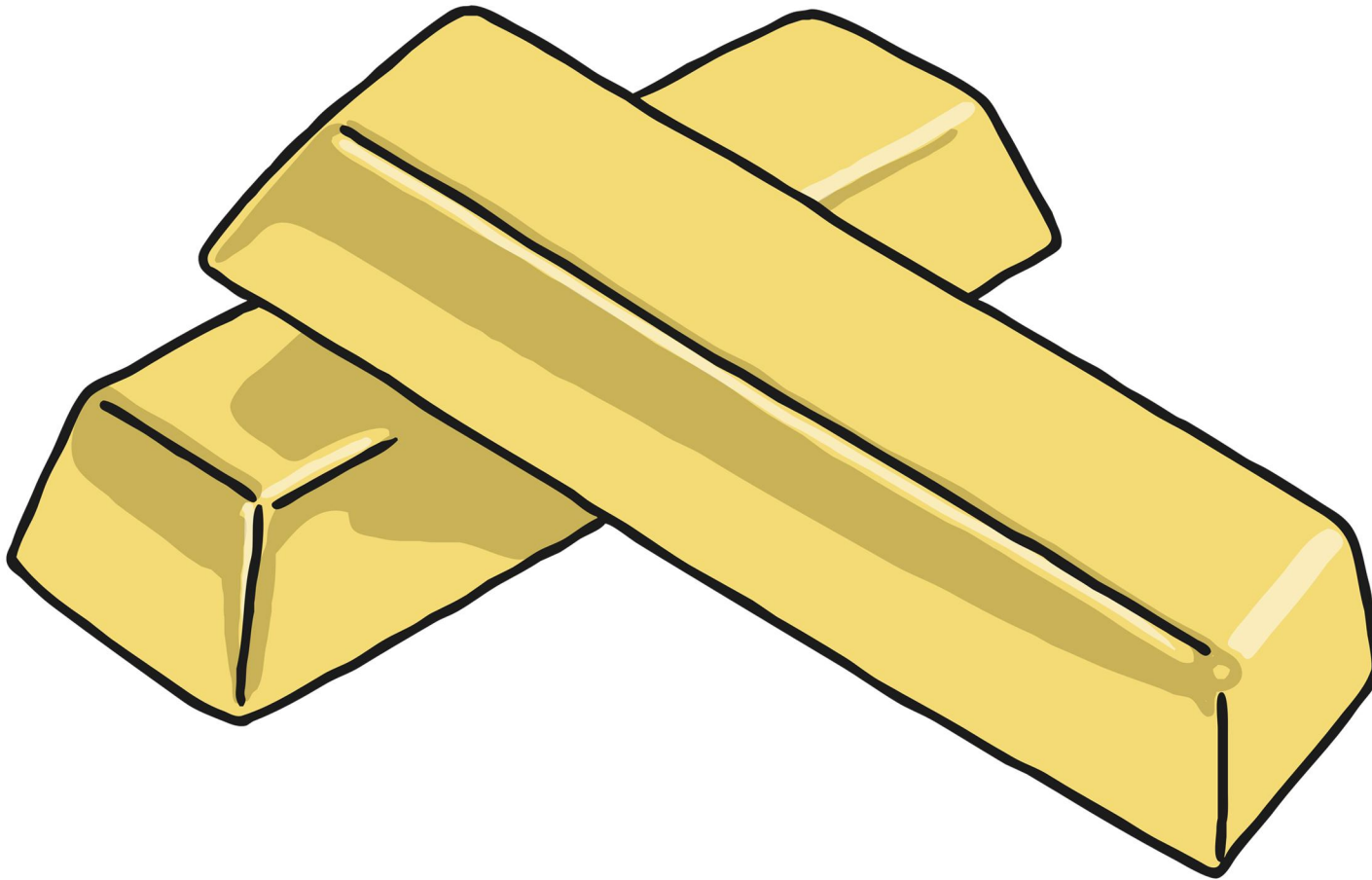


*illuminate*



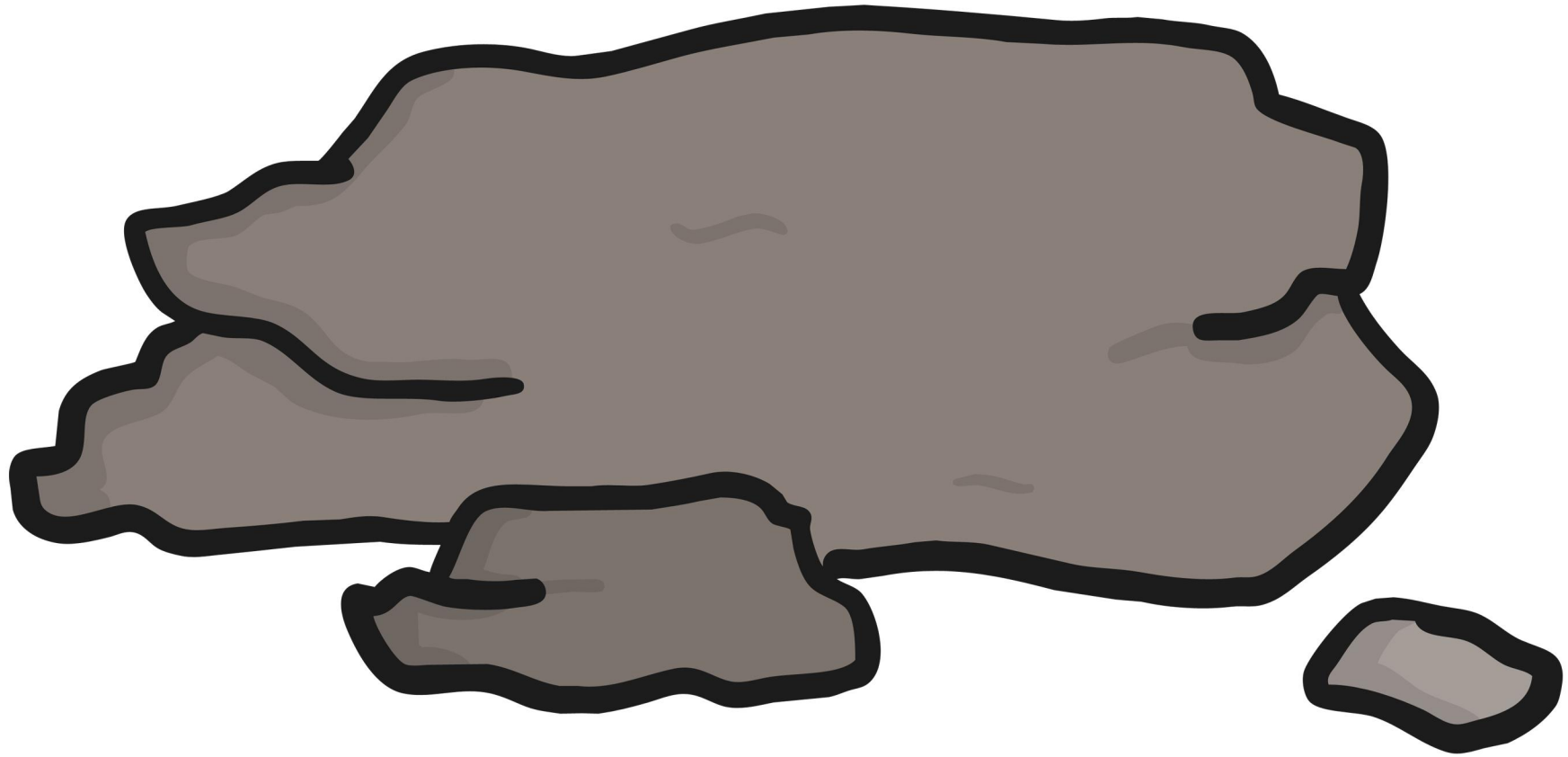


*shiny*





rough





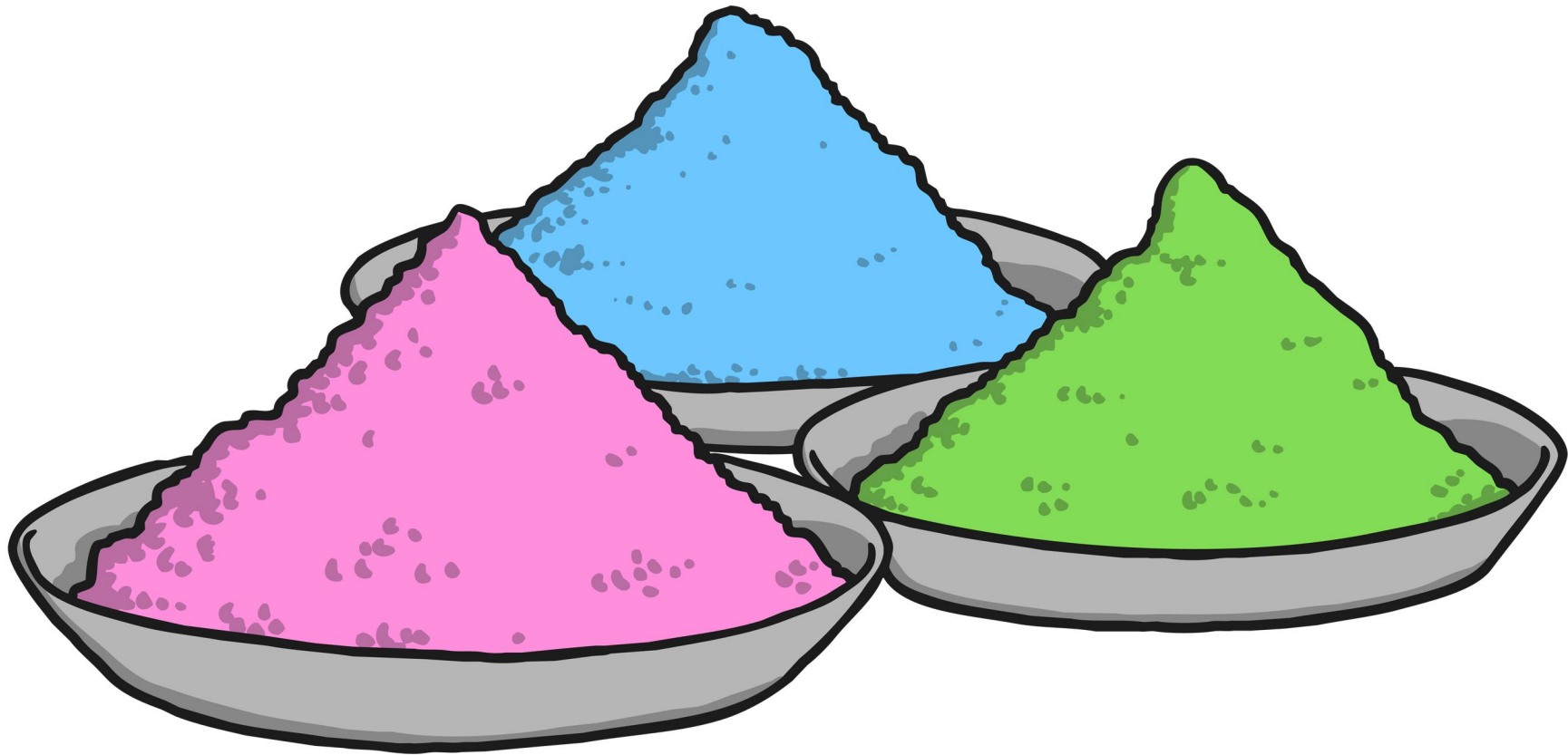
reverse







bright



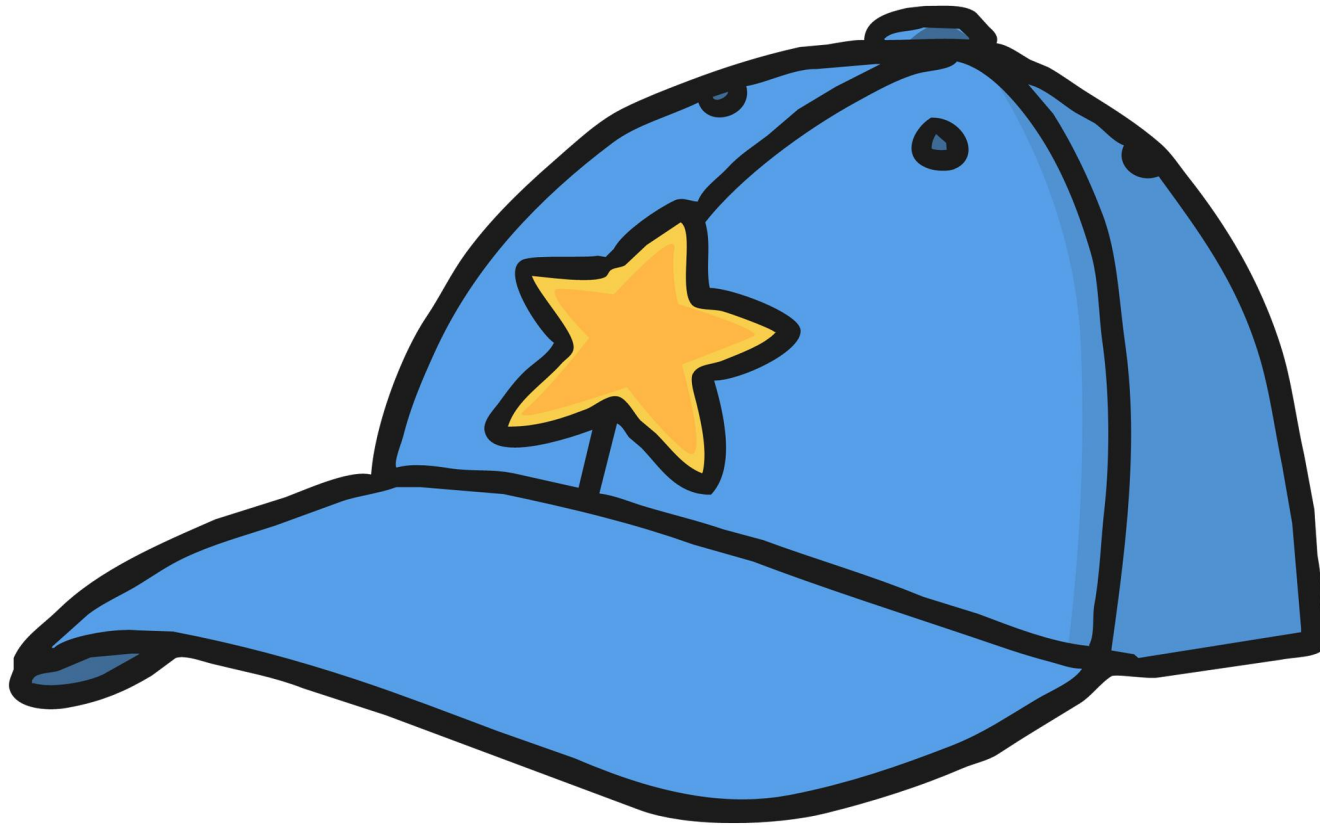


*sunglasses*





hat





brim







# energy



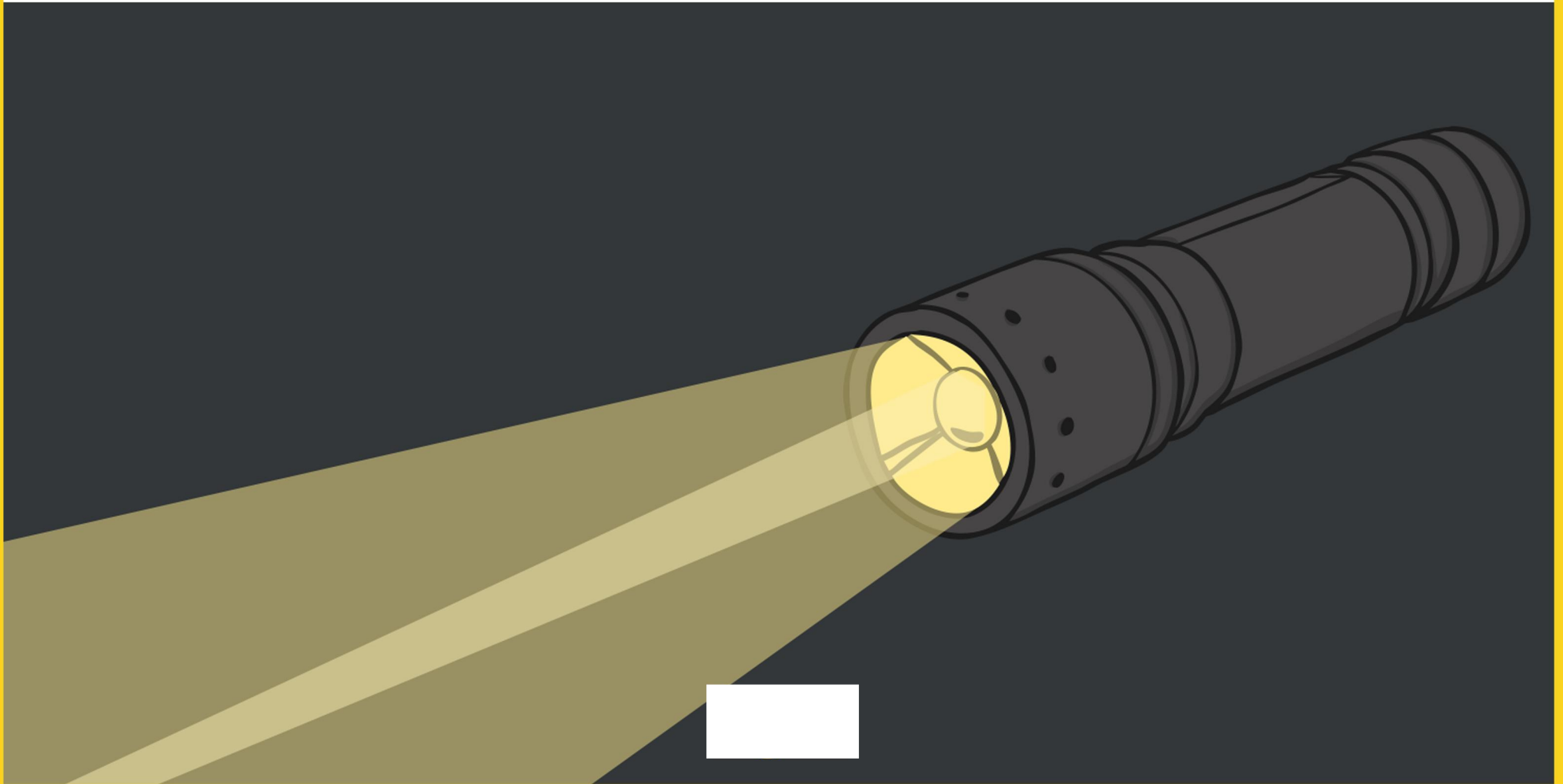


light





source





dark







reflect

Reflect



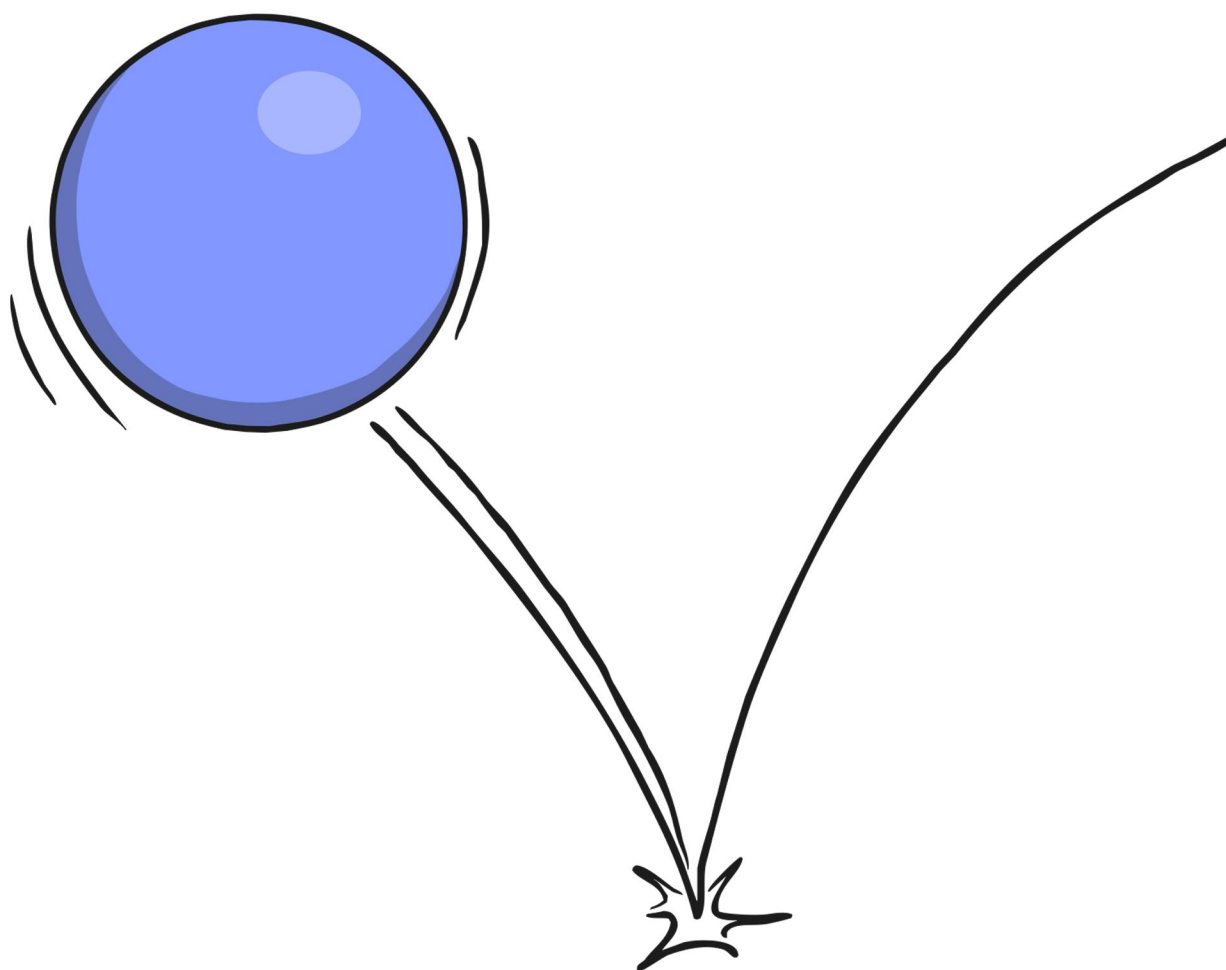


visible





bounce





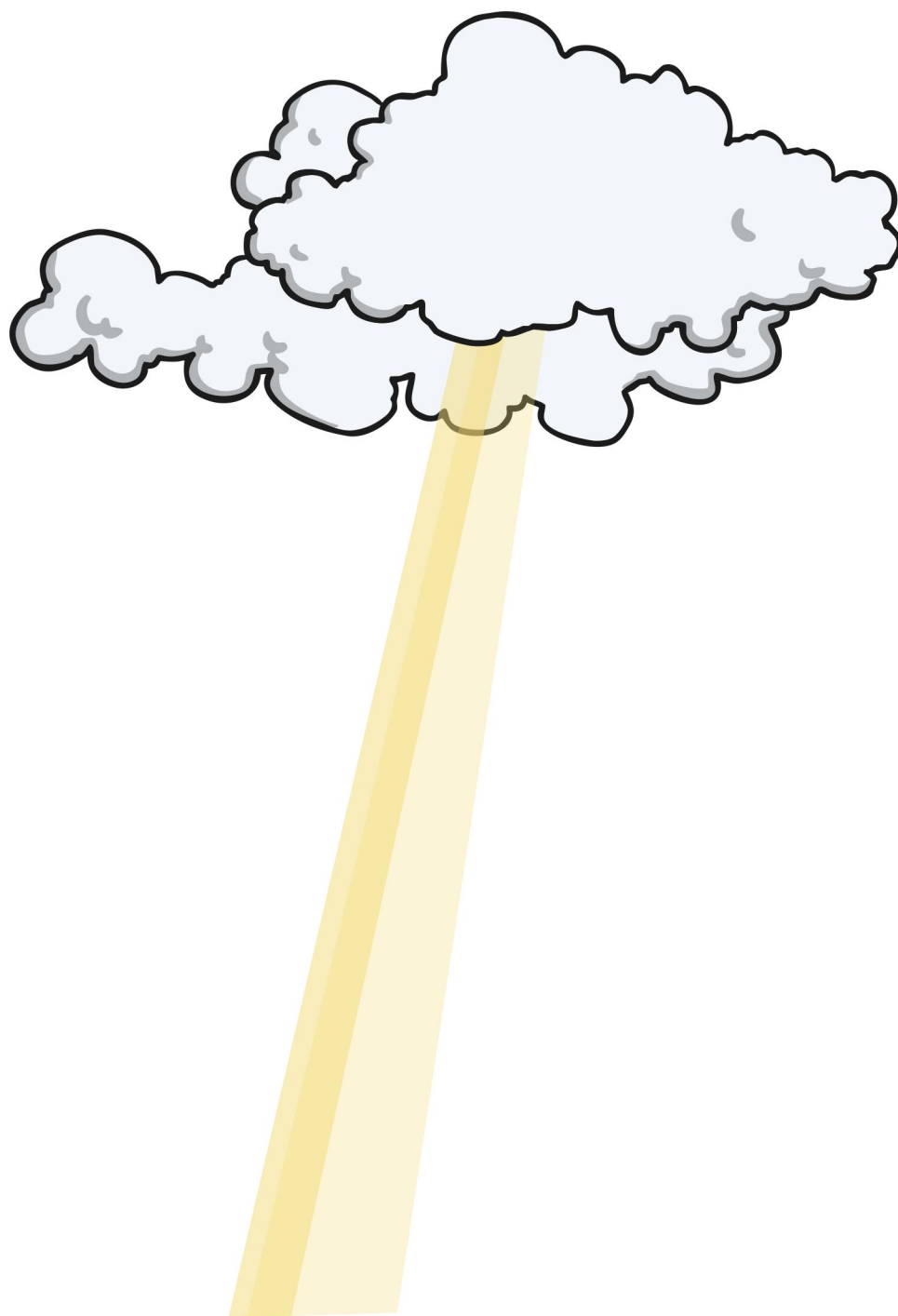
# mirror





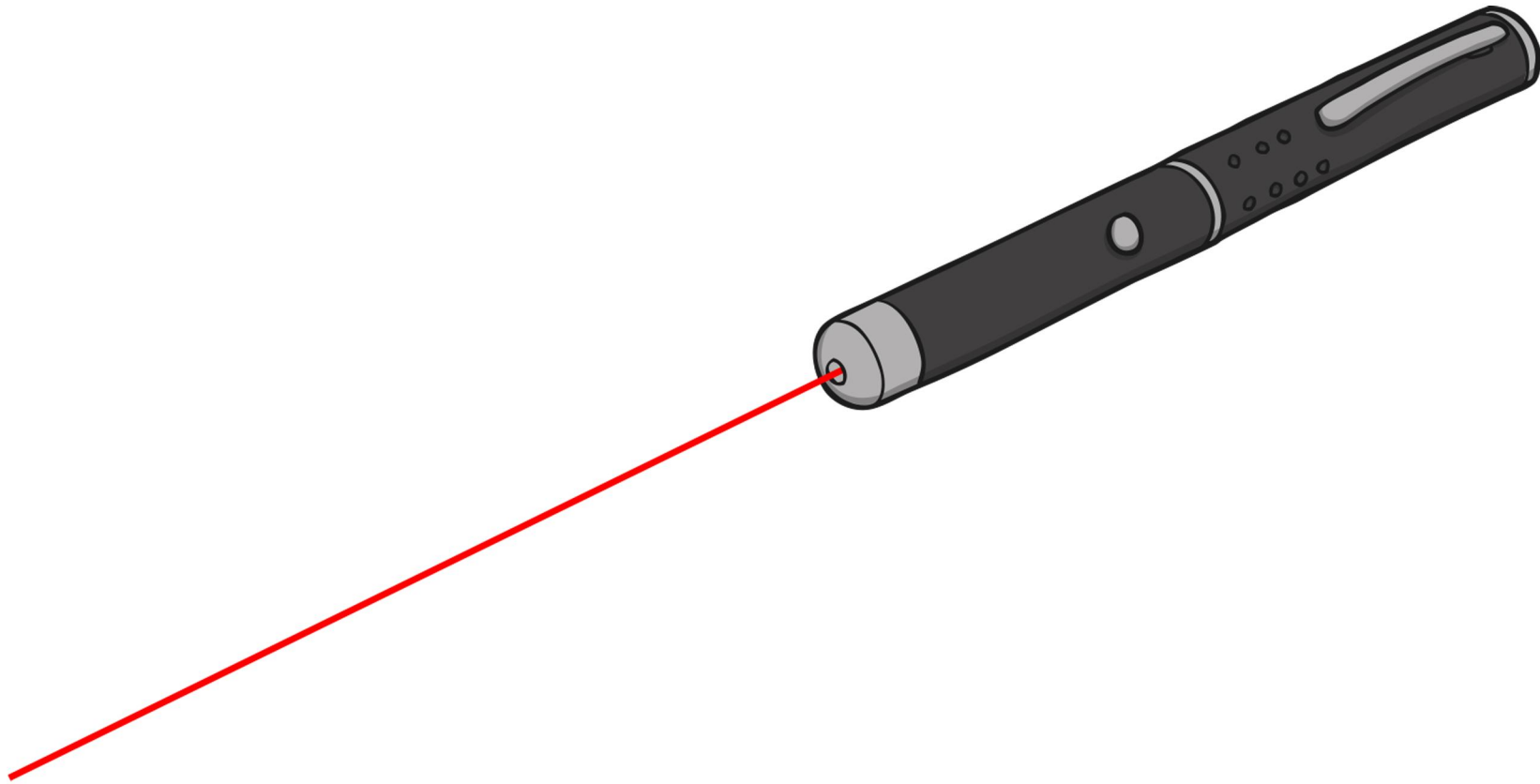


ray





beam



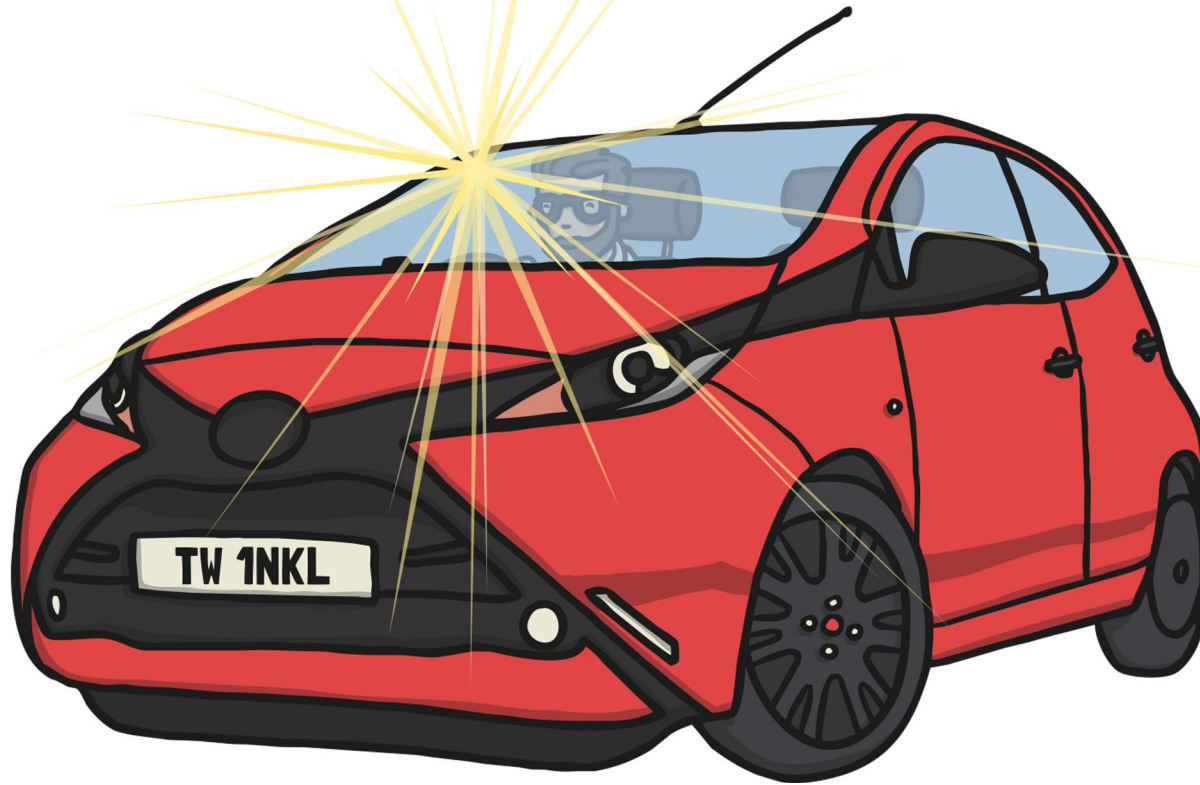


sun





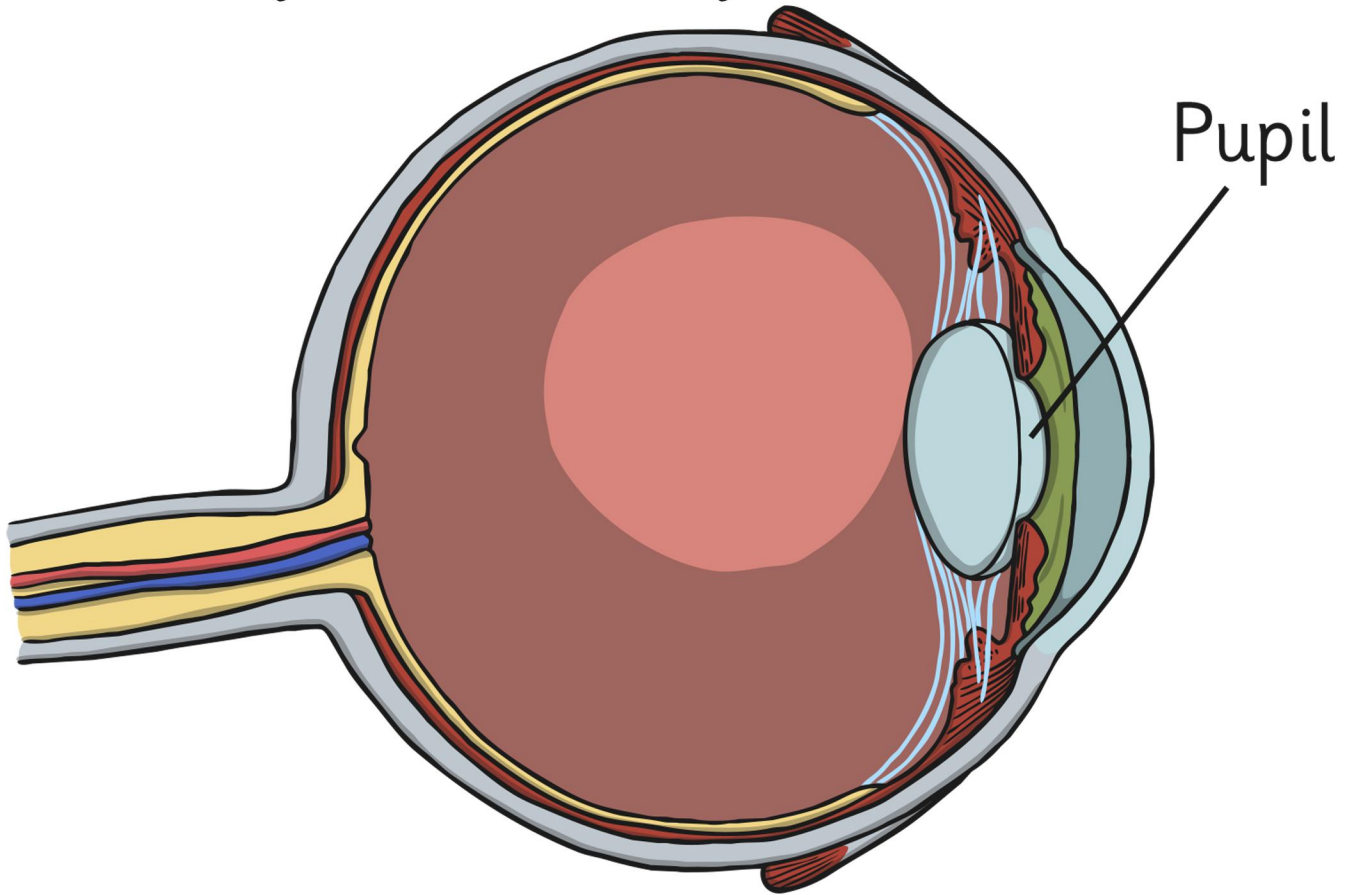
glare





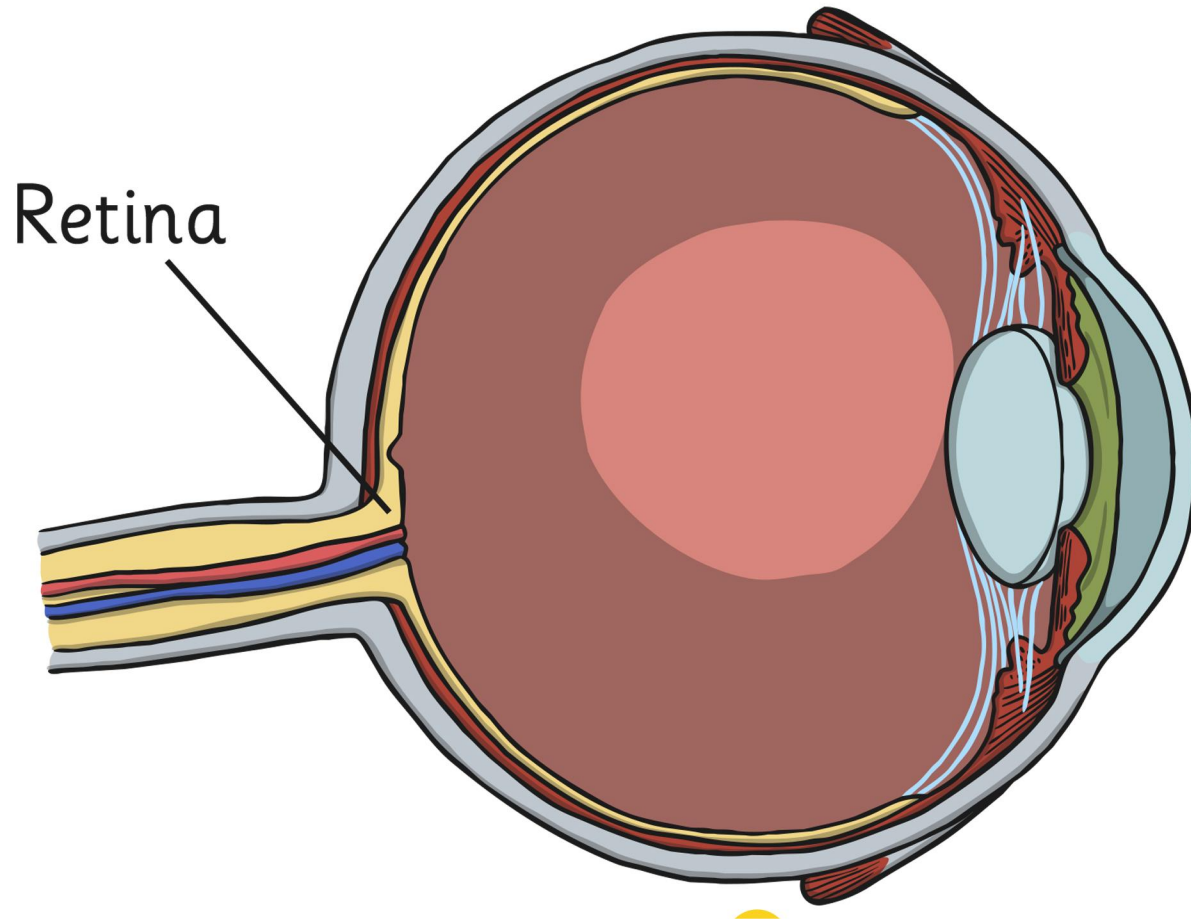


pupil





# retina





travel



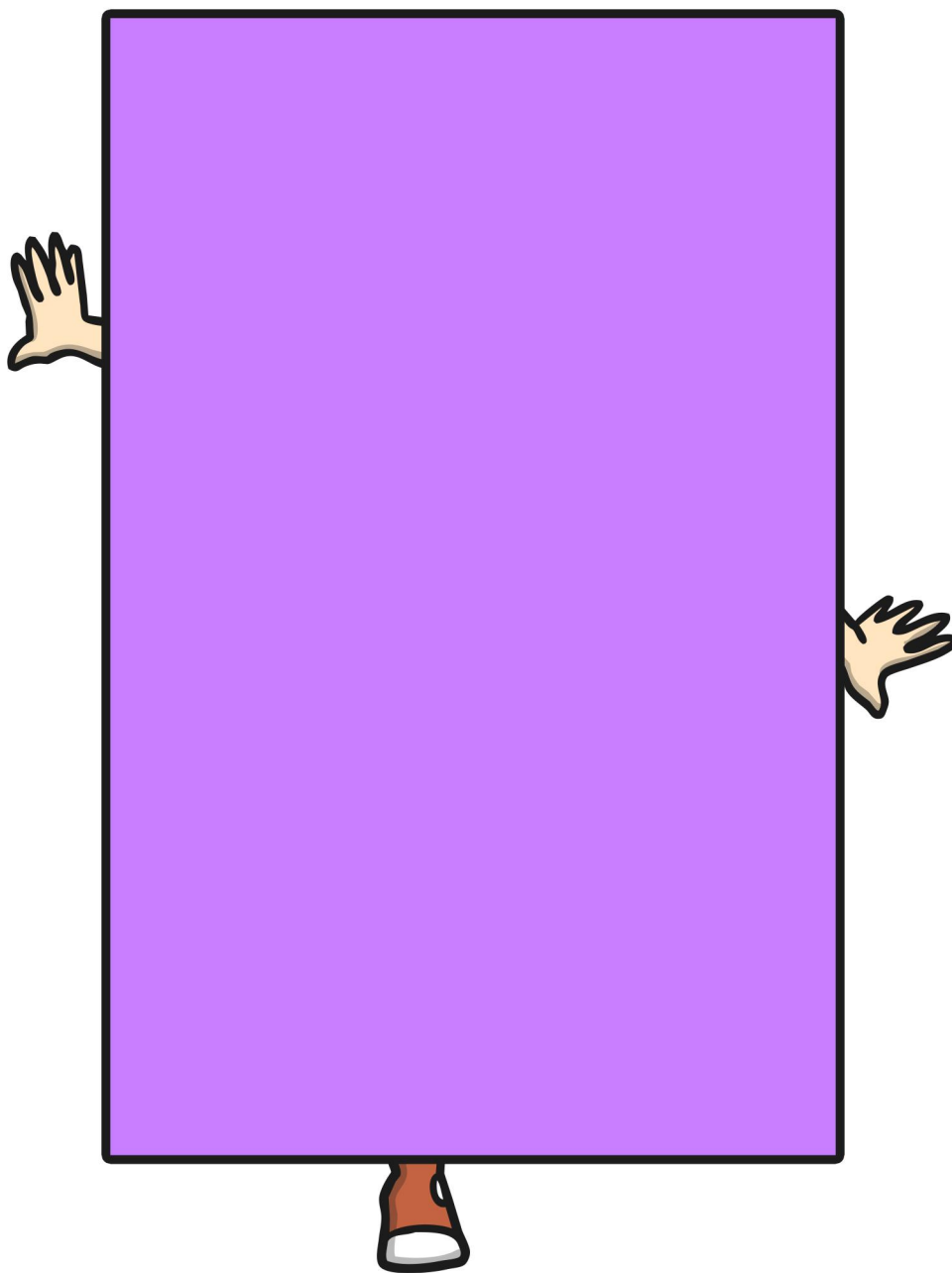


straight





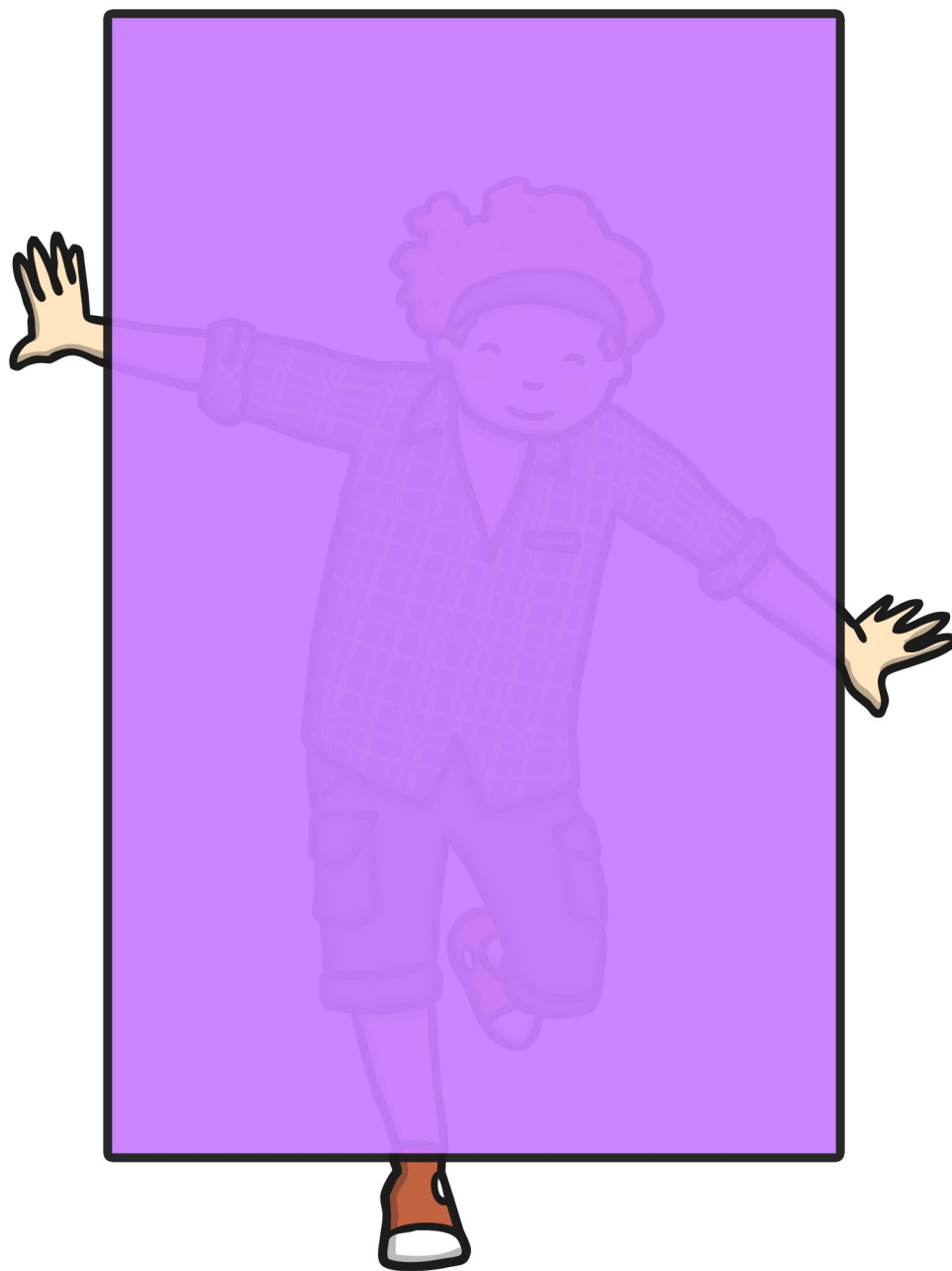
оракле







# translucent



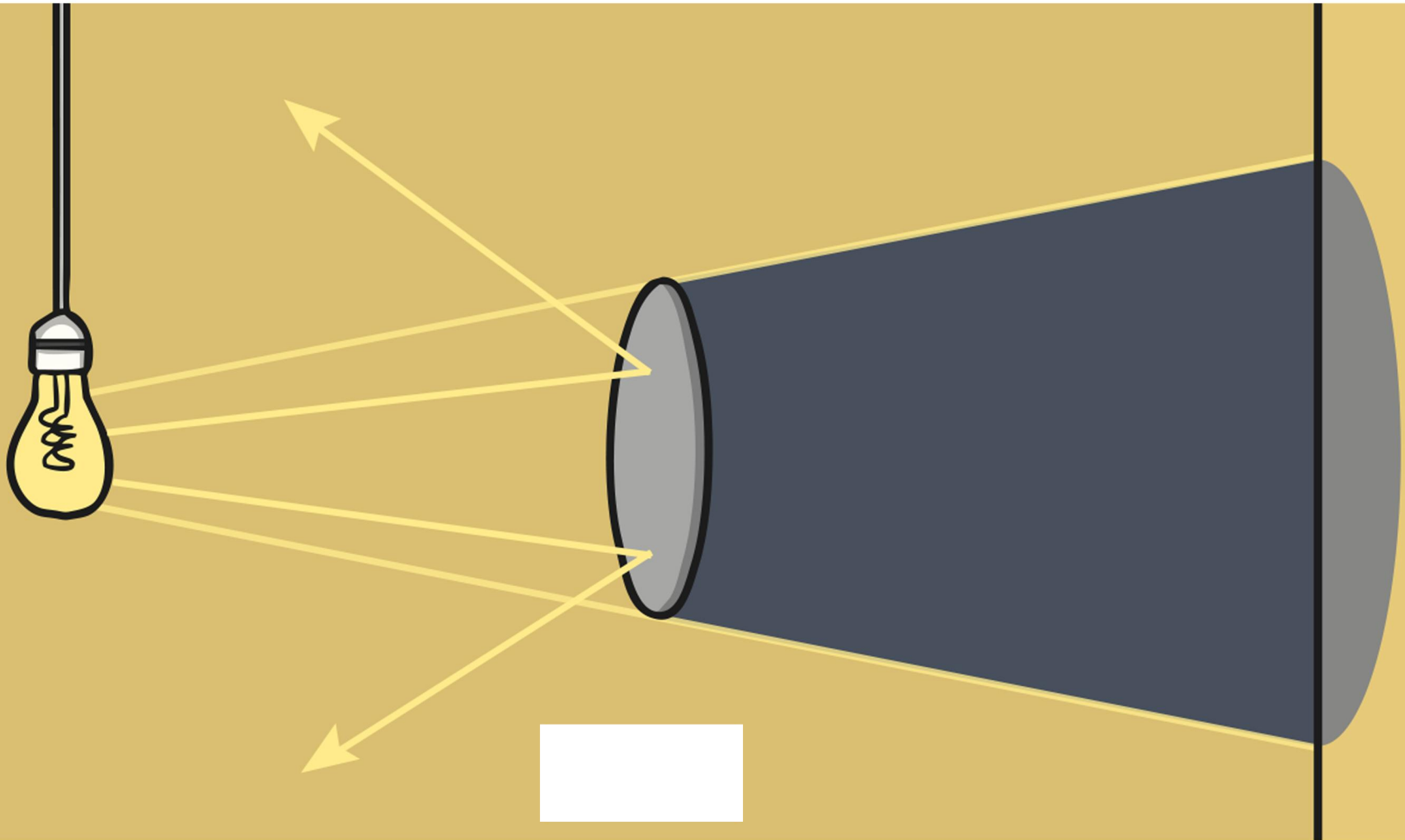


# transparent





# straight



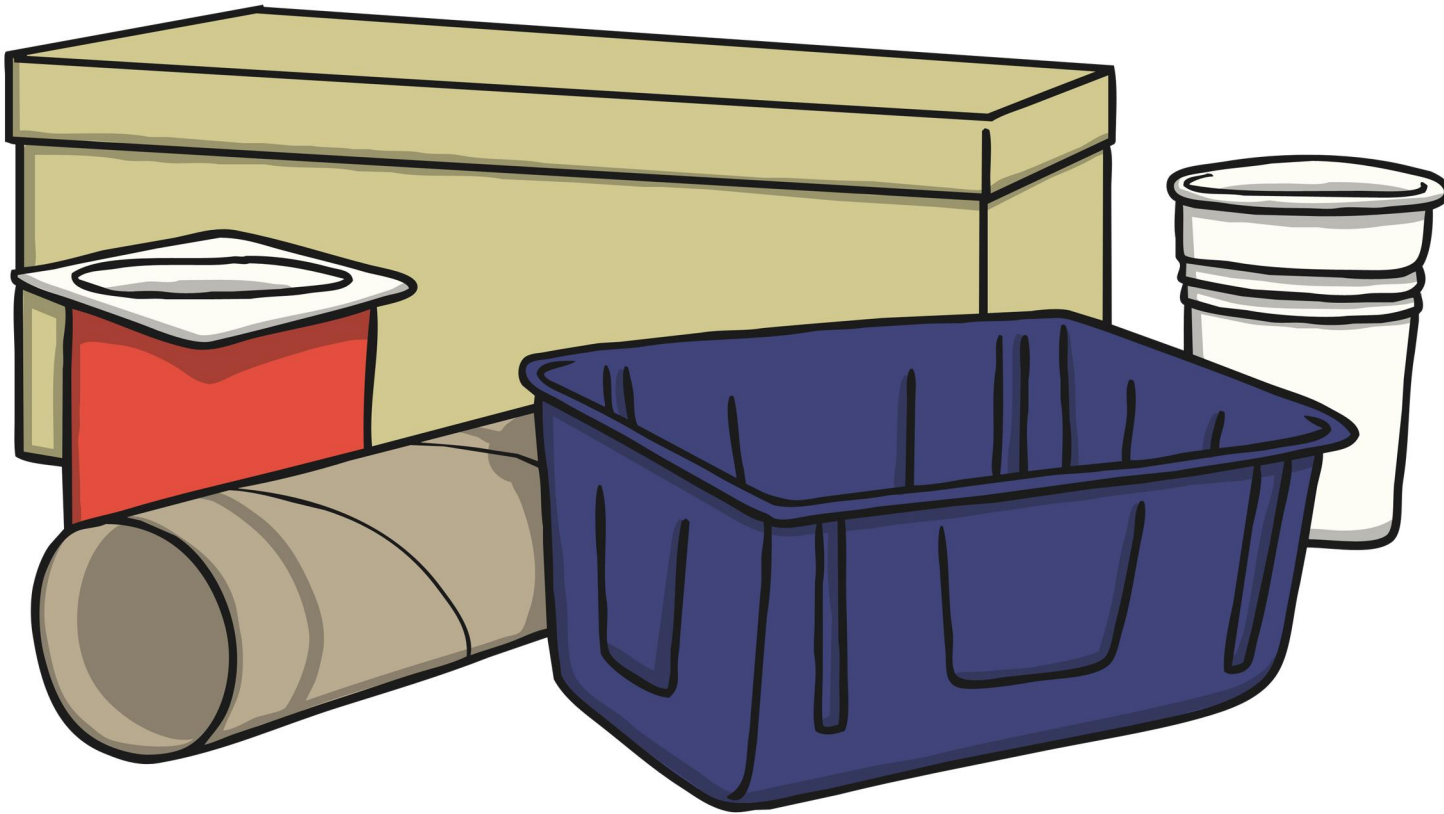


# shadow





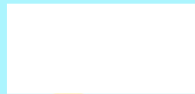
material





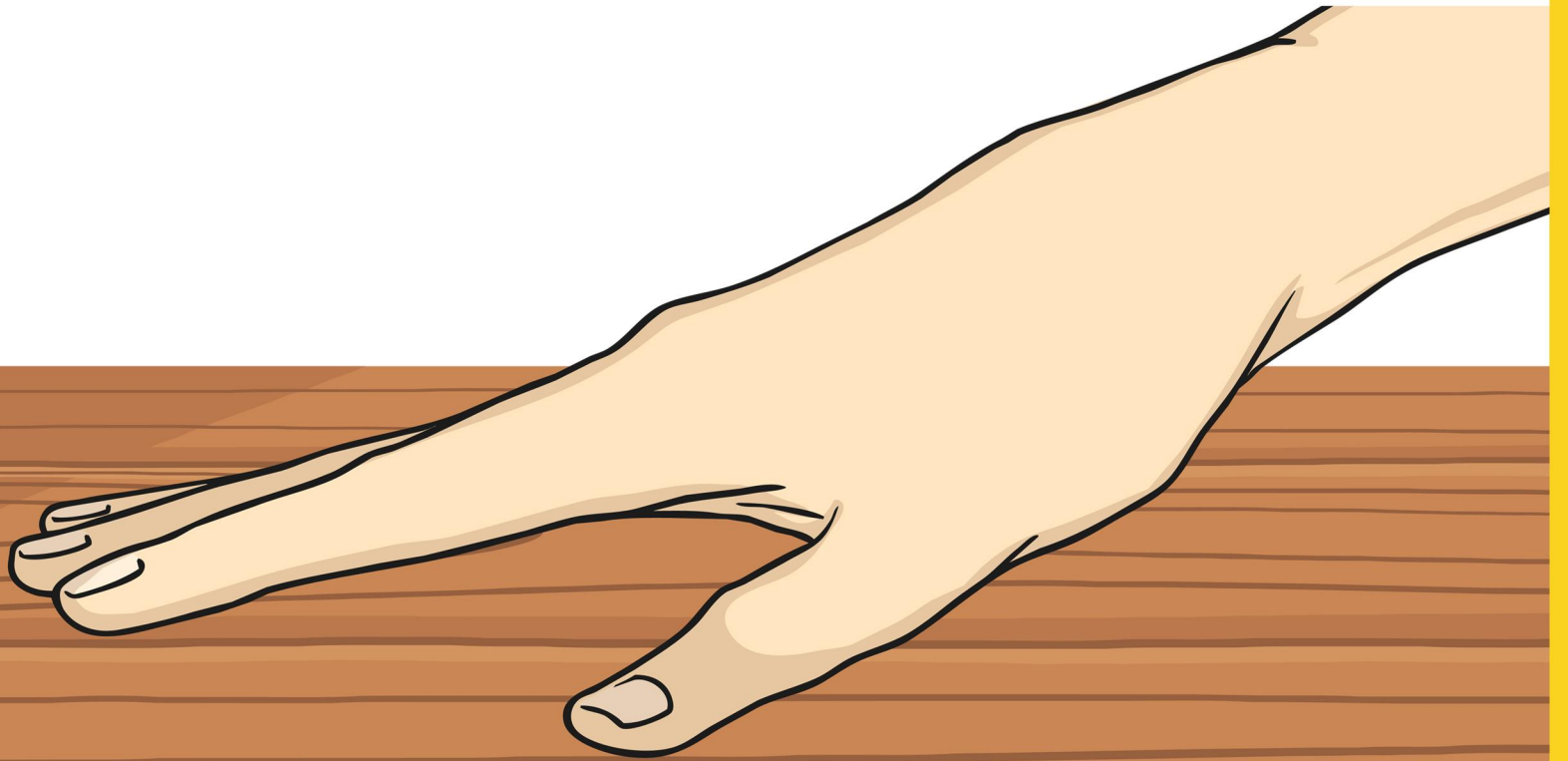


surface





smooth



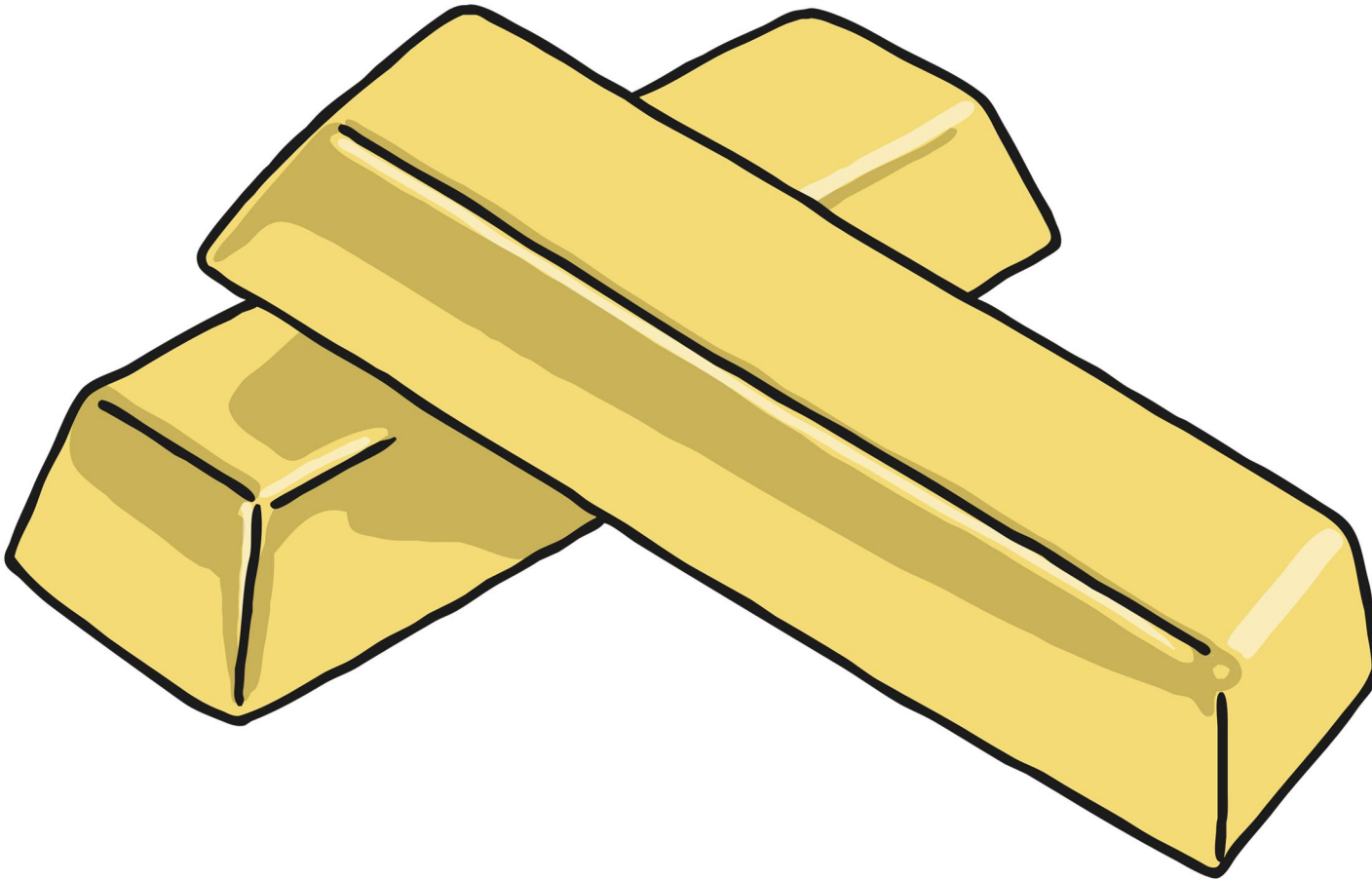


illuminate



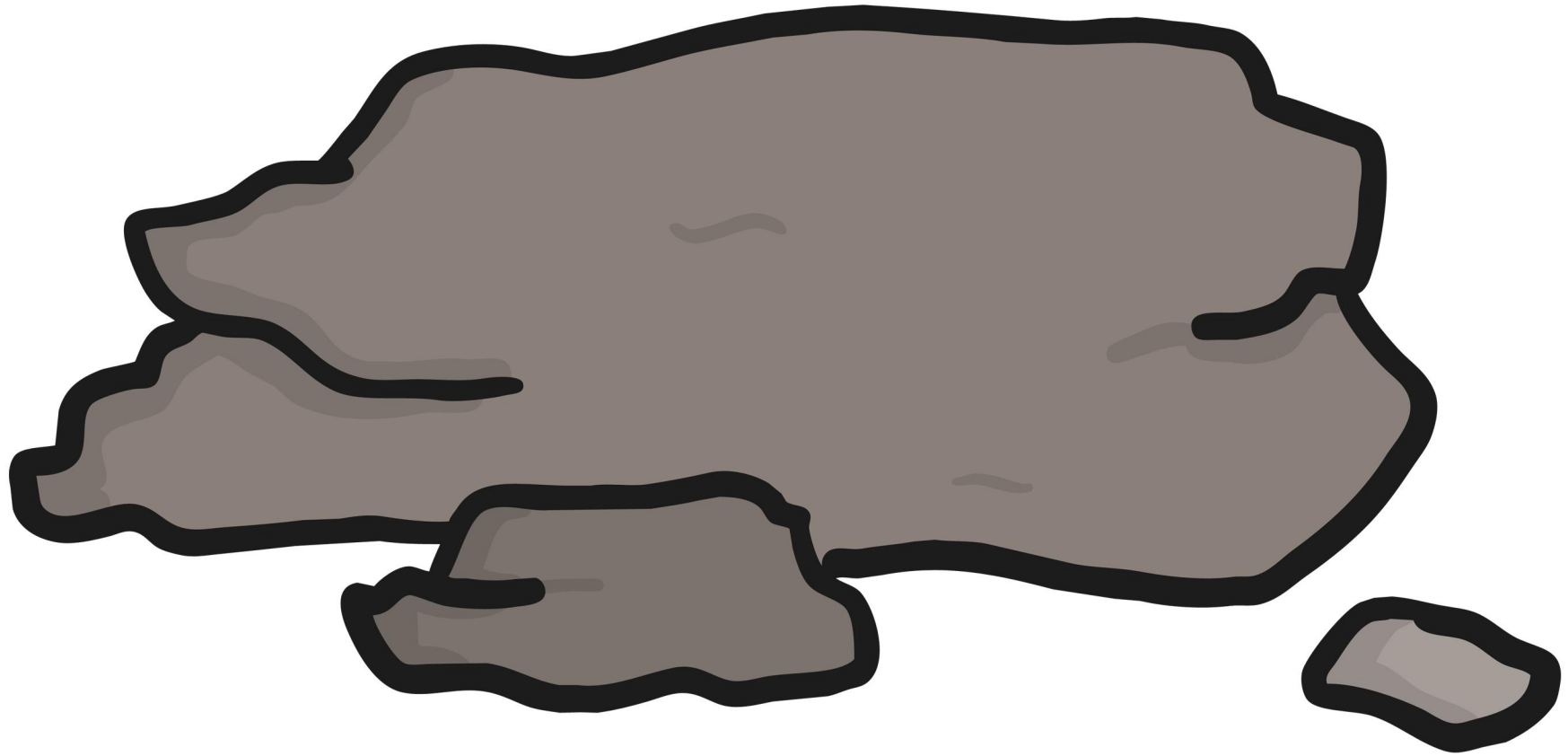


shiny





rough





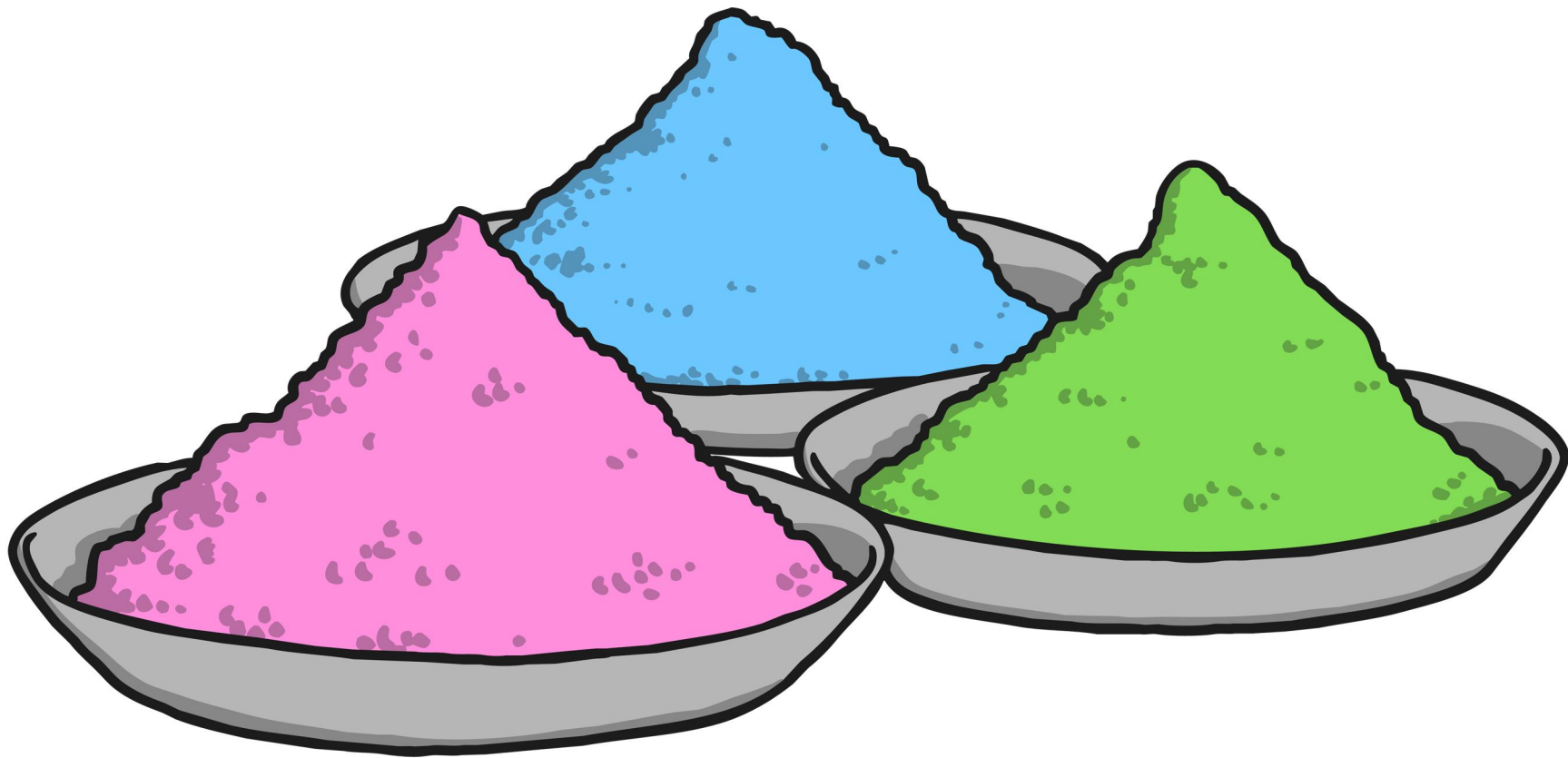


reverse





bright



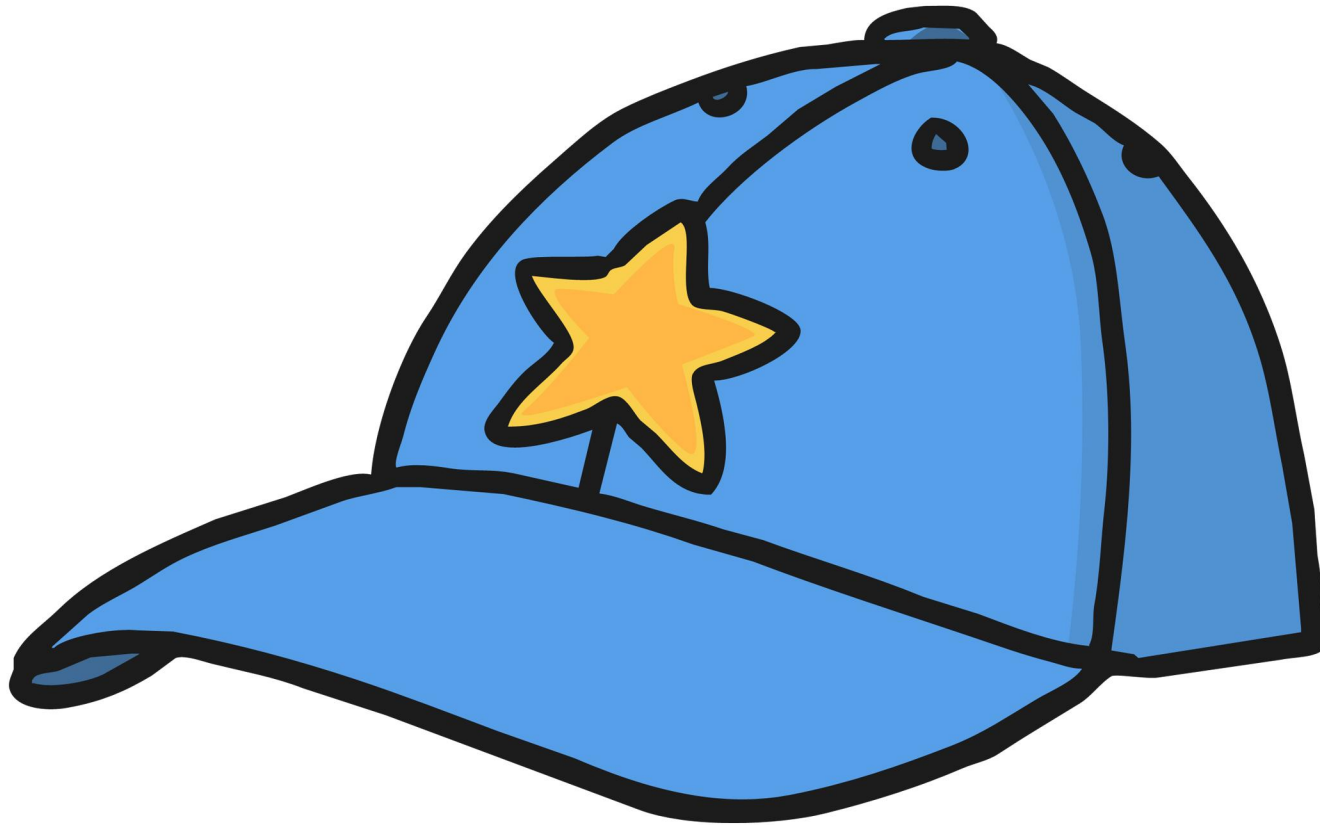


sunglasses





hat





brim

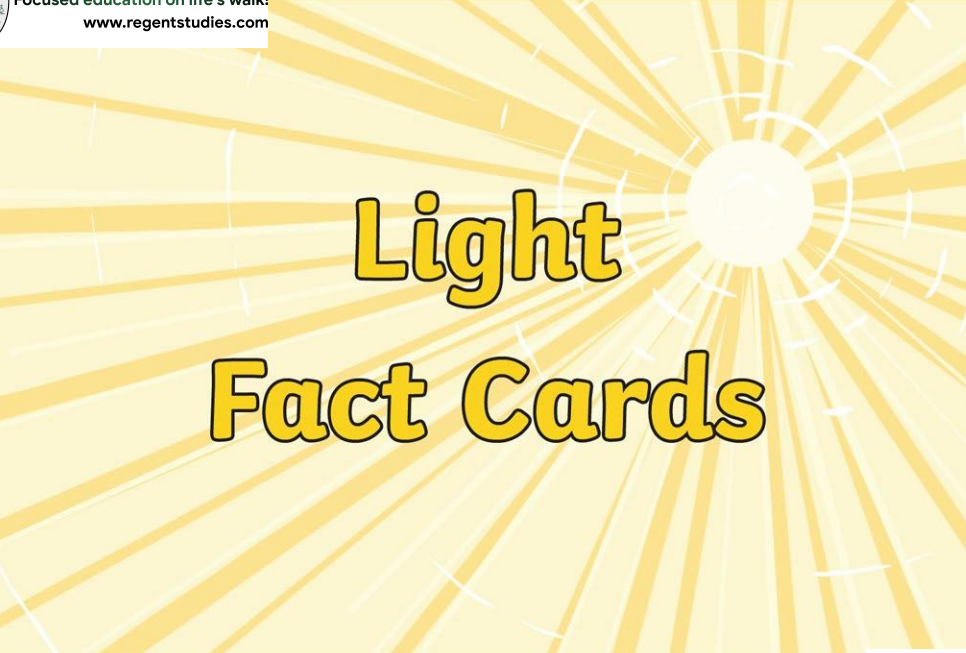




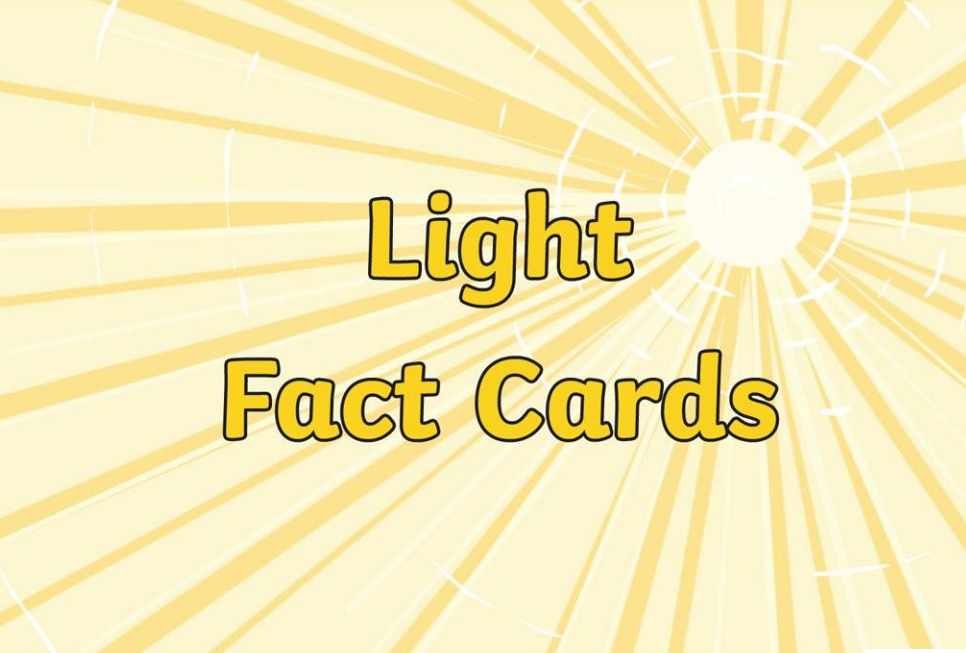


# energy






**Light**  
**Fact Cards**



**Light**  
**Fact Cards**



**Light**  
**Fact Cards**



**Light**  
**Fact Cards**



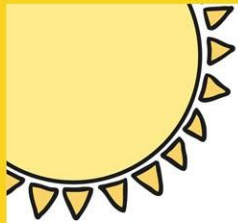


Light travels extremely fast. It can travel at a speed of up to

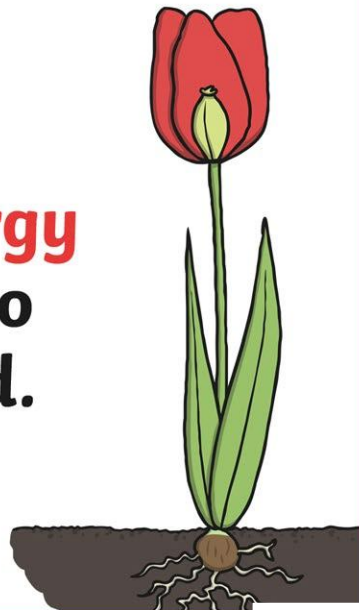
**186,000**  
miles per second!

Light reflected from the moon takes

**1.3 seconds**  
to get to the Earth.



Plants use **energy** from **sunlight** to make their food.



Some animals can see light that humans can't. For example, some insects can see UV light.



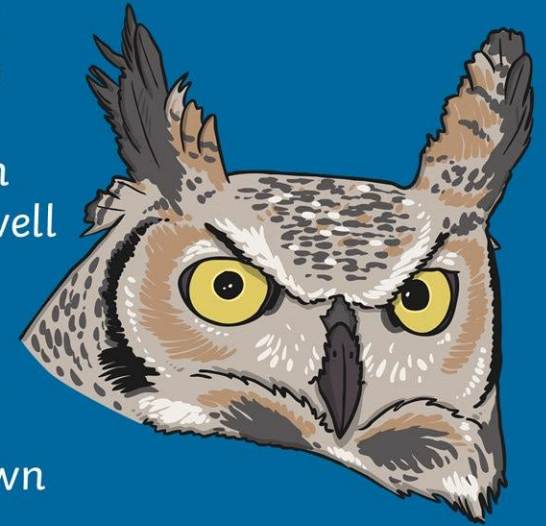


Living things can emit light.  
This is called **bioluminescence**.

Fireflies and anglerfish are two  
examples of bioluminescent  
creatures.

Some animals are  
nocturnal and are  
awake at night.  
These animals can  
usually see very well  
in the dark.

Two examples are  
owls and  
galagos, also known  
as bush babies.



About 25km  
above the earth is a layer of  
gas called the ozone layer.

This gas stops too many of  
the sun's UV light rays  
getting to earth, helping to  
prevent people from being  
damaged by the UV light.

Sunlight can reach down to  
a depth of about **80m** in  
the ocean.

After this, only about **5%**  
of the Sun's light is visible.





Forensic scientists use

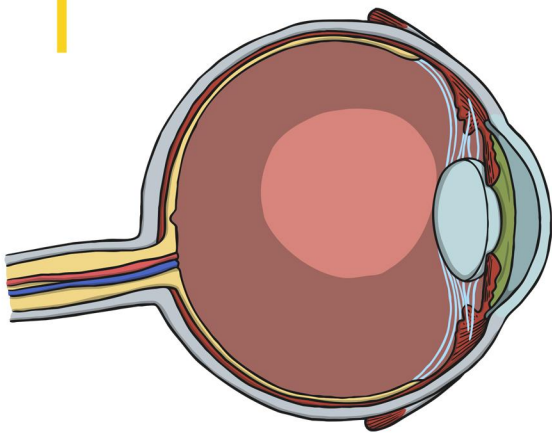
# UV light

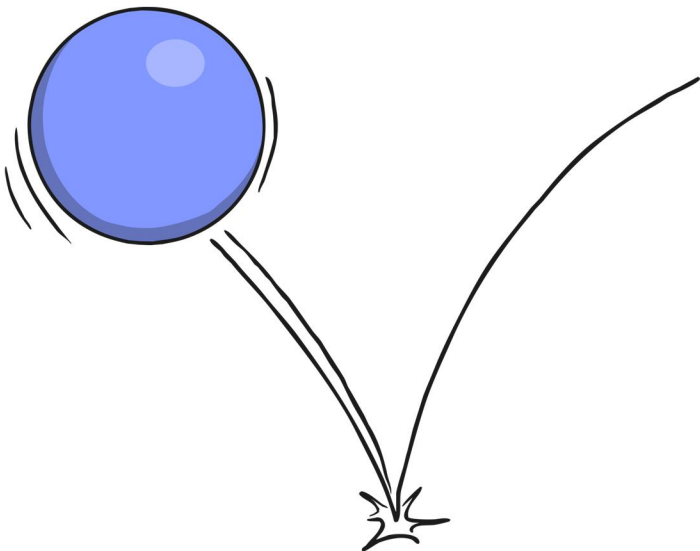
to show up things the human eye can't see.



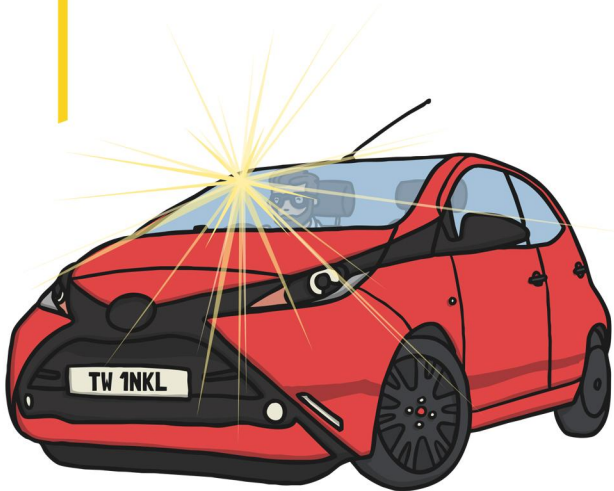
A solar panel can turn light from the sun into **electricity!**





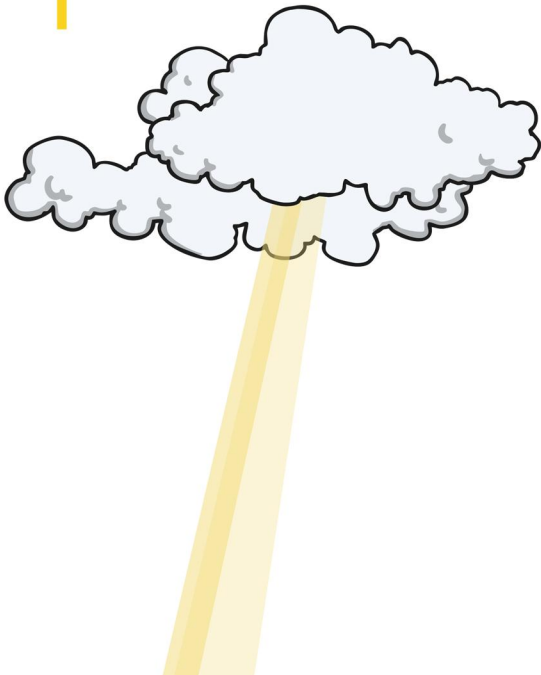










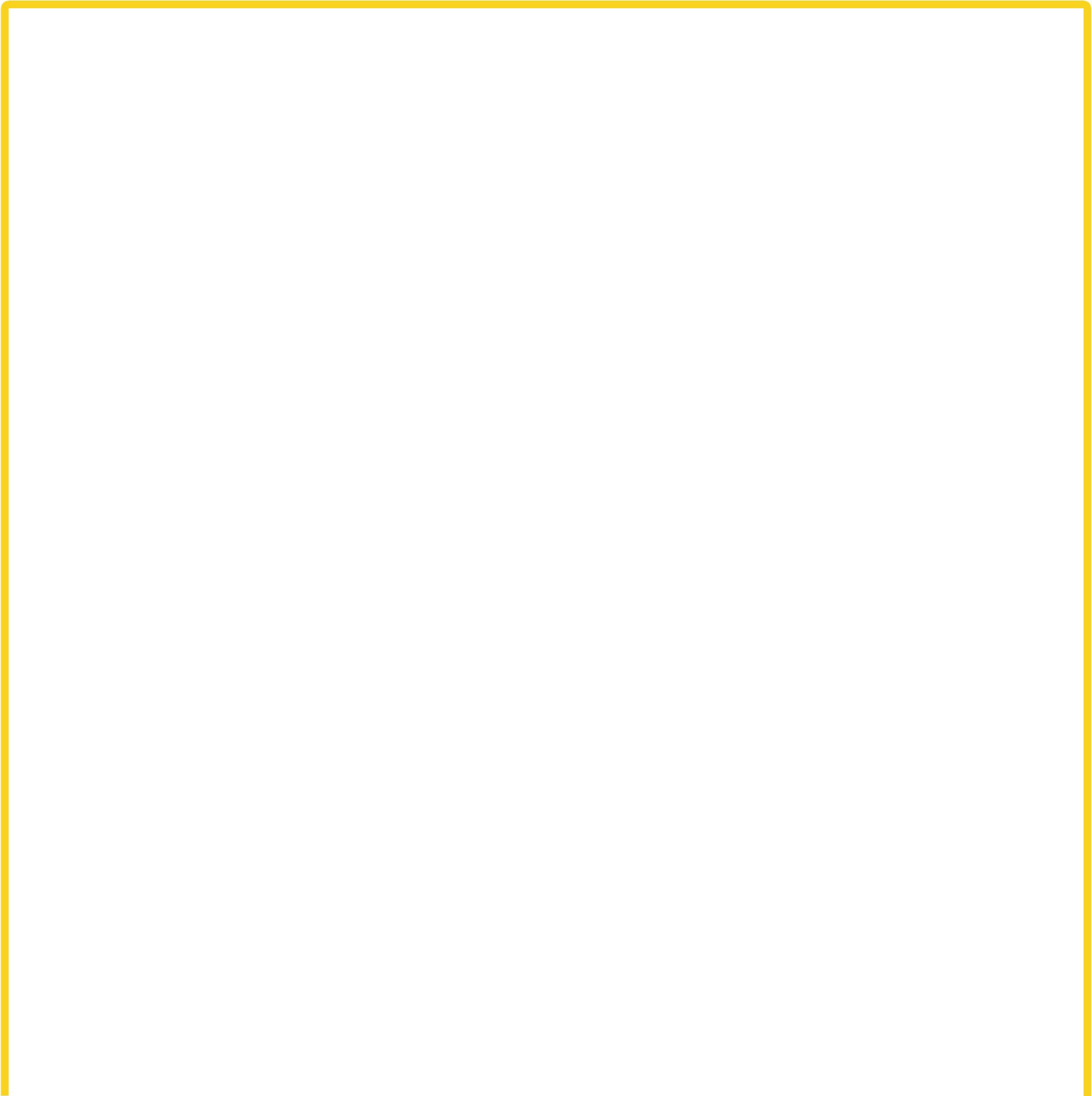


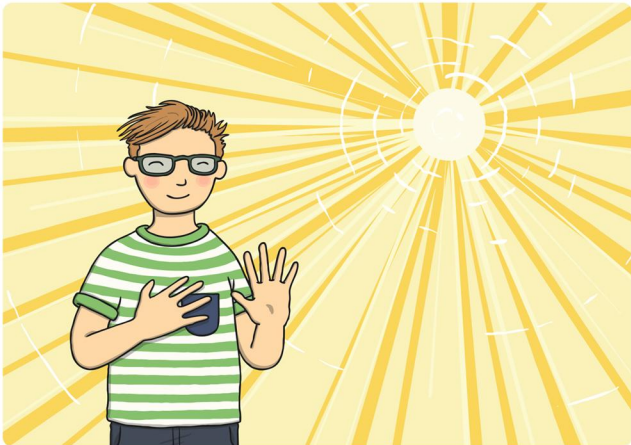




Reflect





























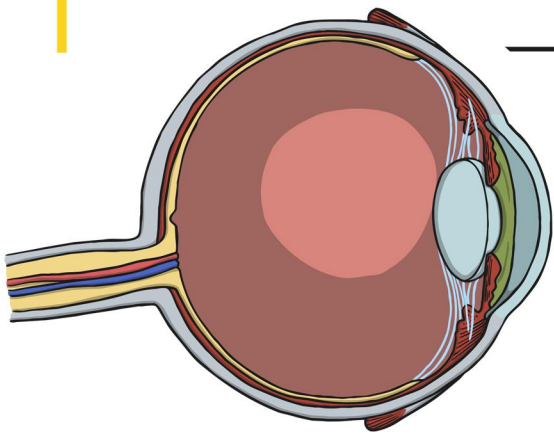






---

---



---

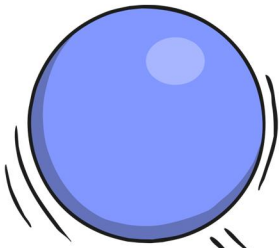
---

---



---

---



---

---

---



---

---



---

---

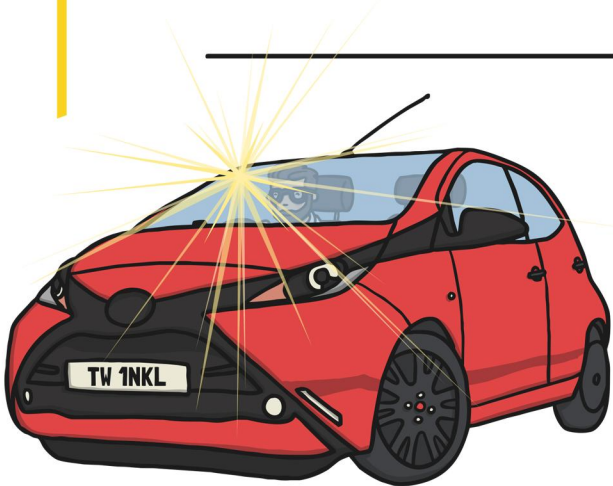
---



---

---

---



---

---

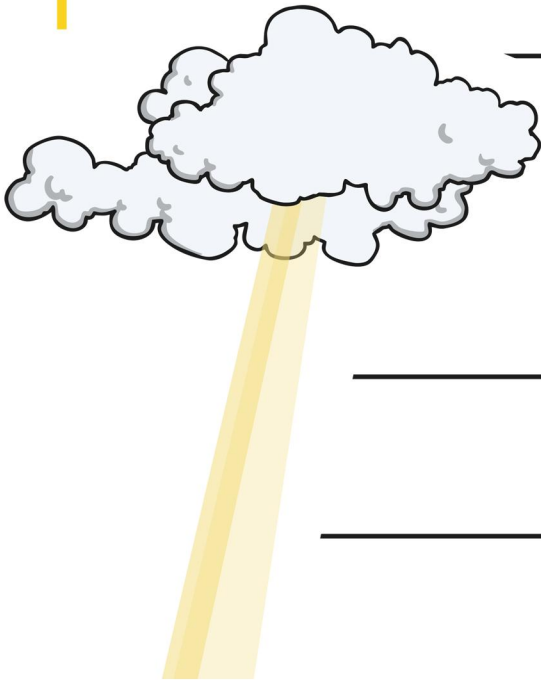






Blank writing area for the first paragraph, enclosed in a yellow border.

---



---

---

---

---

---

Bottom yellow border line.





Large empty rectangular area for writing, bounded by a yellow line.

---

---

---

---

---

---

Reflect





---

---



---

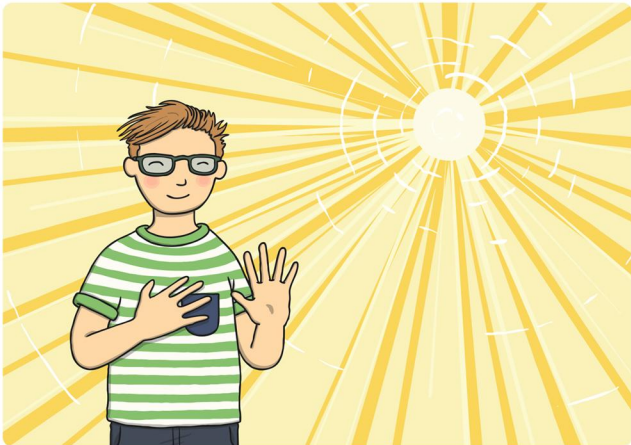
---

---



---

---



---

---

---



















---

---

---

---

---

---

---

---

---

---



---

---

---

---



---

---

---

---

---

---

---

---

---

---

Reflect



---

---

---

---

































Photo courtesy of Robert Staudhammer (@flickr.com) - granted under creative commons licence - attribution









Photo courtesy of Dave Hosford (@flickr.com) - granted under creative commons licence - attribution









Photo courtesy of Yandle (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of araza123 (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of Robert Couse-Baker (@flickr.com) - granted under creative commons licence - attribution



050413



Organic milk from  
pasture-raised cows in  
New Prague, Minnesota

**1% LOWFAT MILK**

MADE IN NEW PRAGUE, MINNESOTA



PASTEURIZED AND PACKAGED ON OUR FARM

**ORGANIC CREAM TOP**

**1% LOWFAT  
MILK**

VITAMIN A & D ADDED

GRADE A  
NON-HOMOGENIZED

HALF-GALLON (1.89 L)



WE NEVER USE HORMONES,  
ANTIBIOTICS, OR PESTICIDES



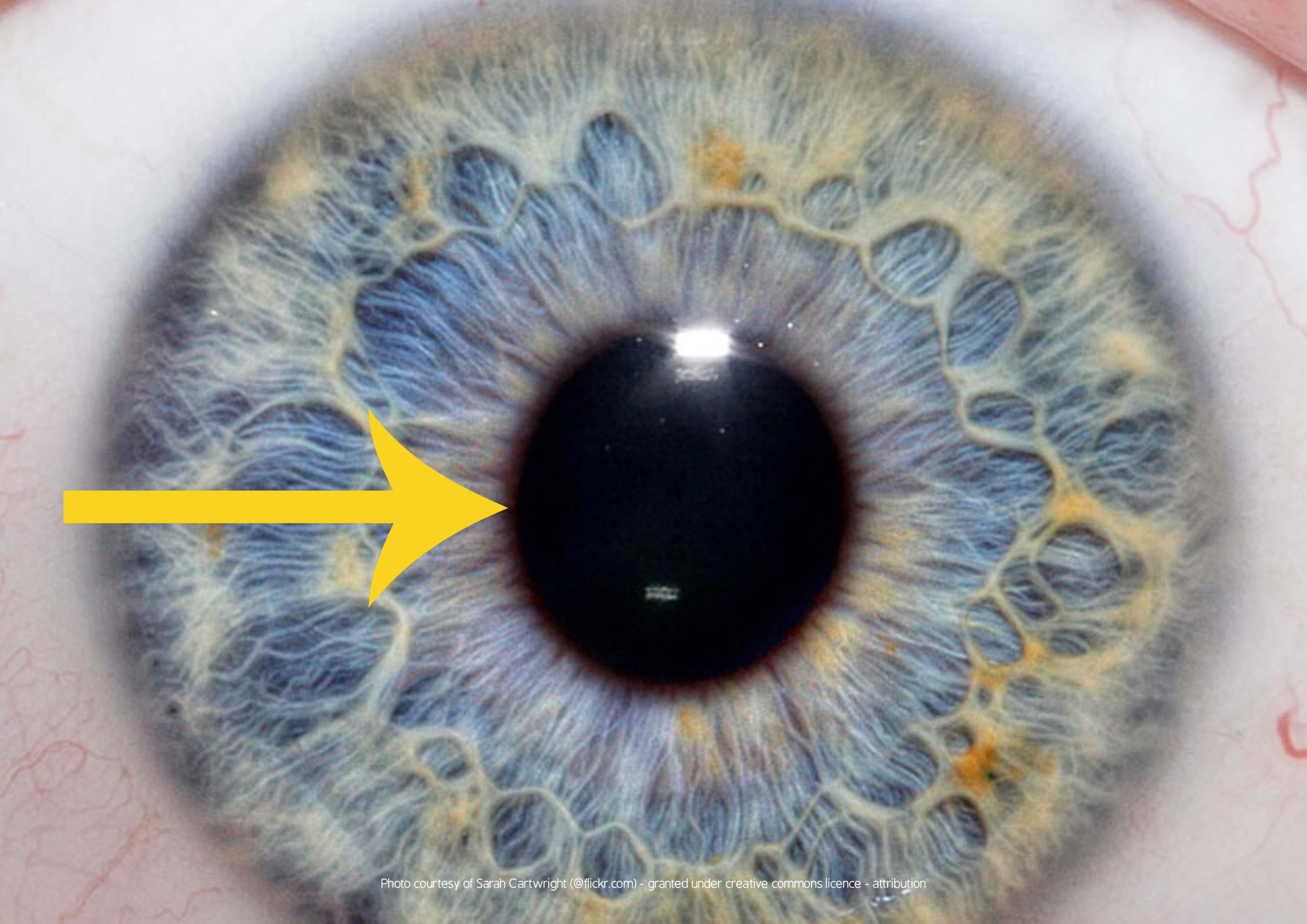






Photo courtesy of cortto (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of David Ohmer (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of Richard Masoner Cyclelicious (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of shikeroku (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of Esteban Chiner (@flickr.com) - granted under creative commons licence - attribution



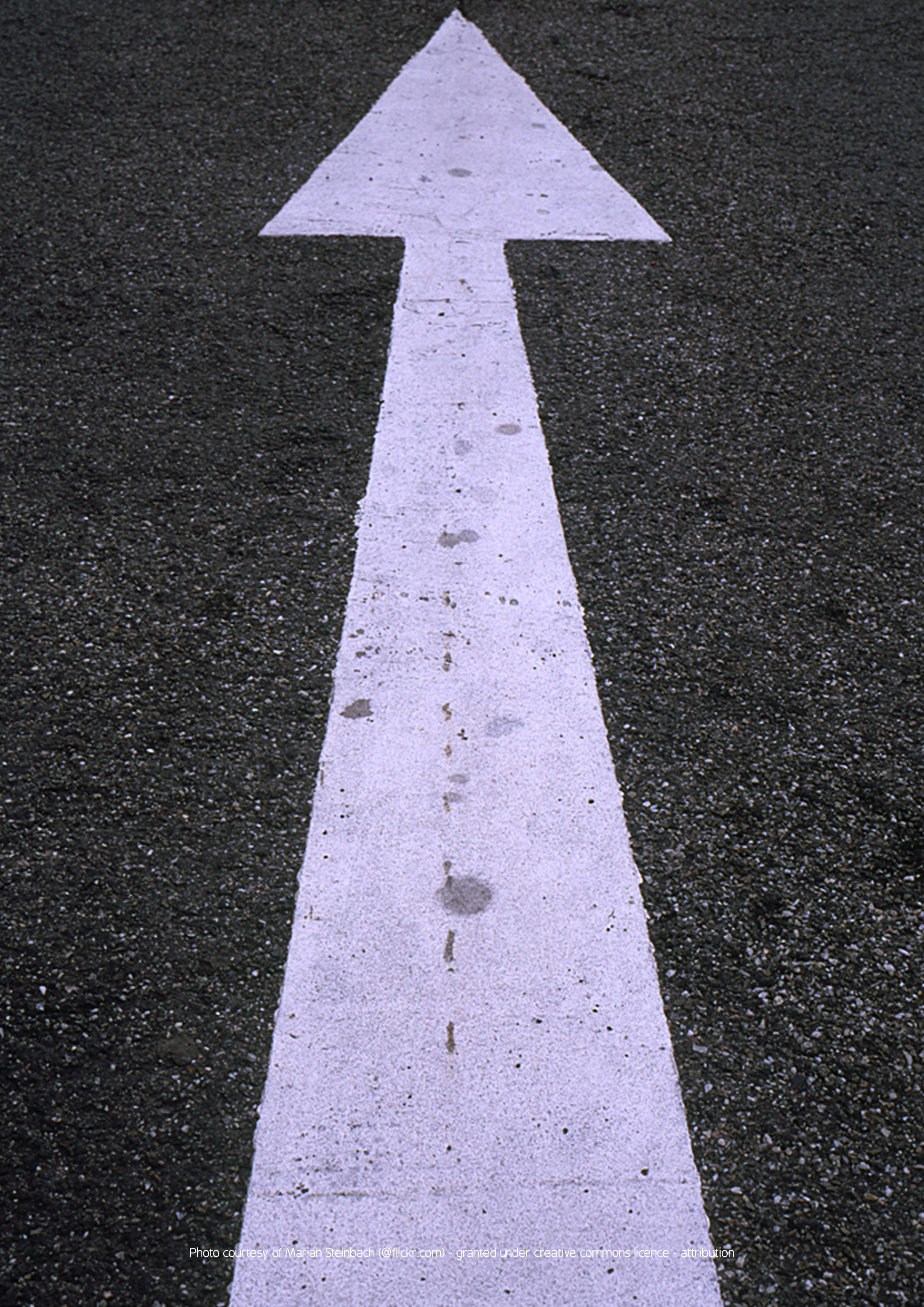


Photo courtesy of Marian Steinbach (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of Micolo J (@flickr.com) - granted under creative commons licence - attribution









Photo courtesy of FaceMePLS (@flickr.com) - granted under creative commons licence - attribution



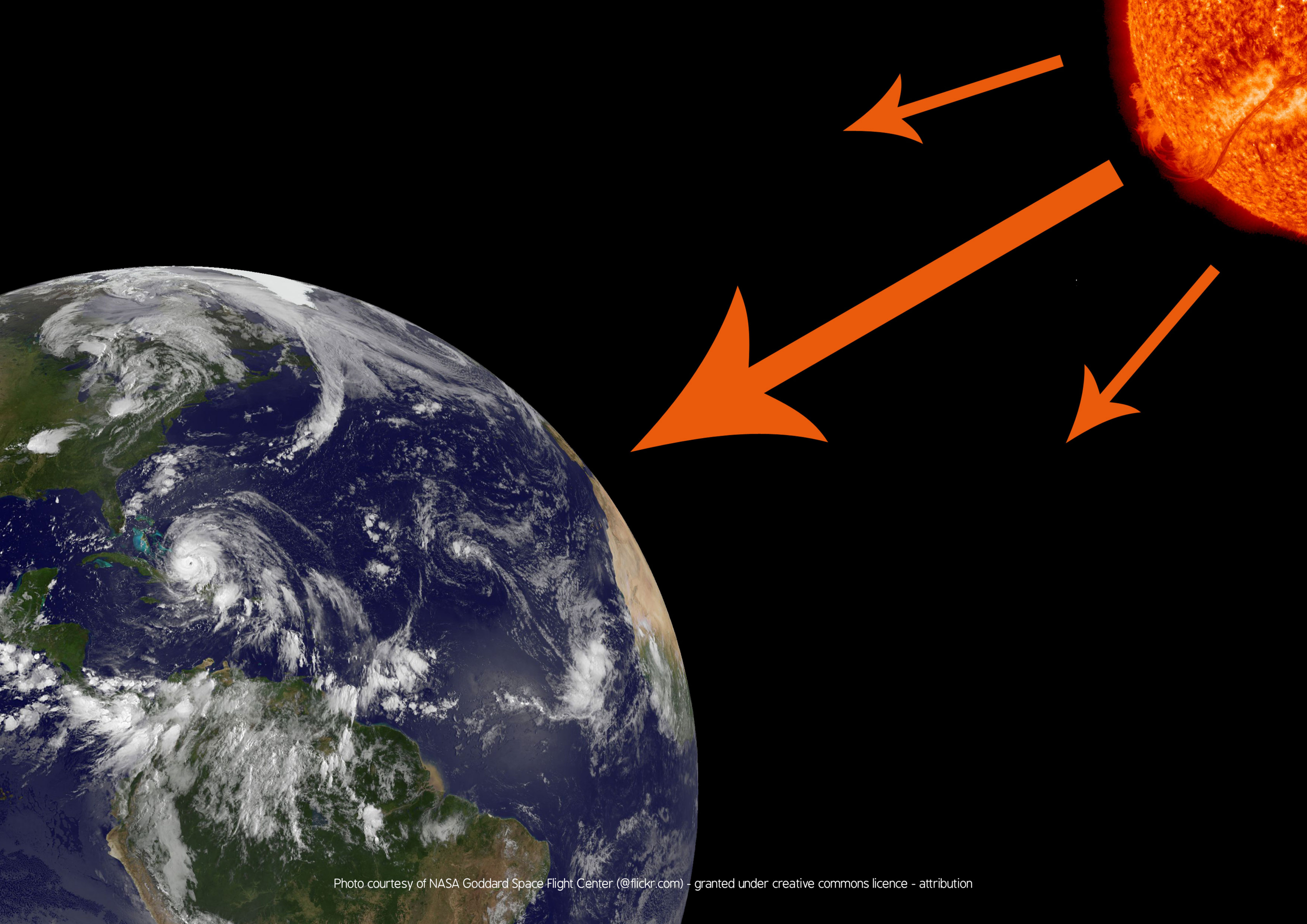


Photo courtesy of NASA Goddard Space Flight Center (@flickr.com) - granted under creative commons licence - attribution





Photo courtesy of Andras Horvath (@flickr.com) - granted under creative commons licence - attribution

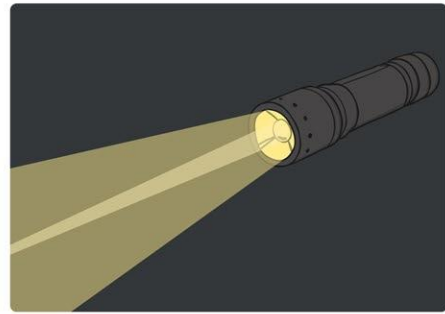




# light



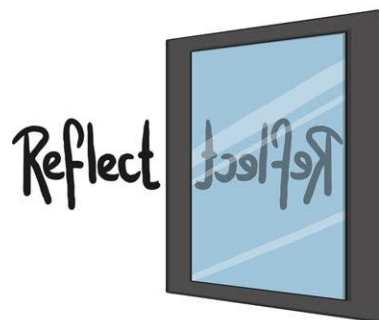
# source



# dark



# reflect



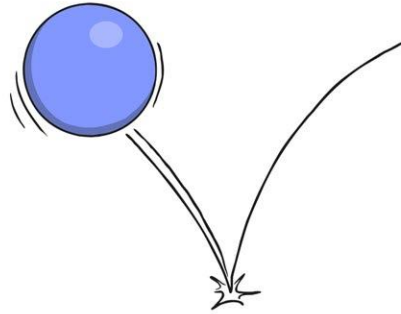




visible



bounce



mirror

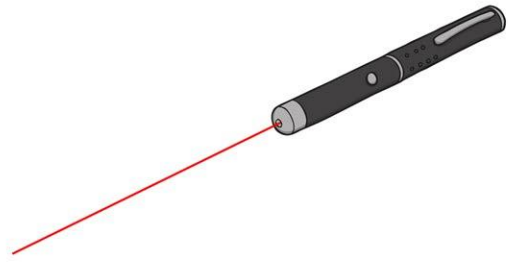


ray

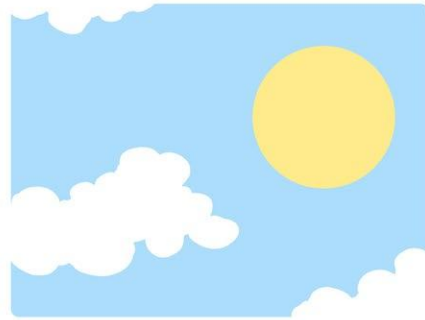




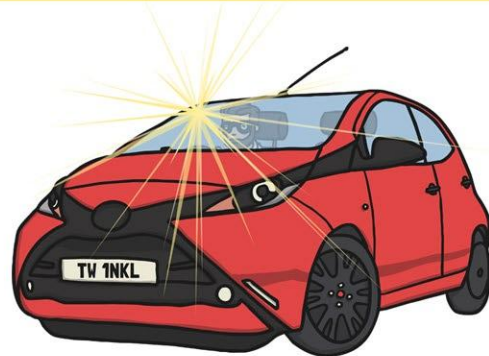
beam



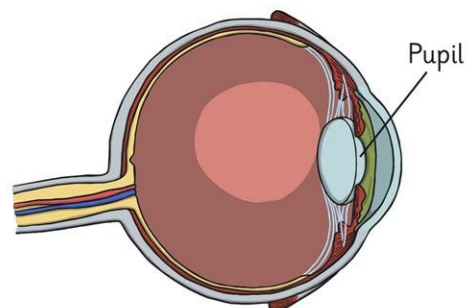
sun



glare



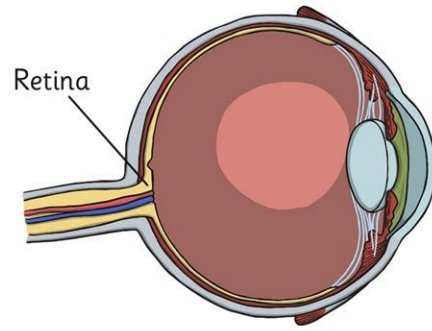
pupil







retina



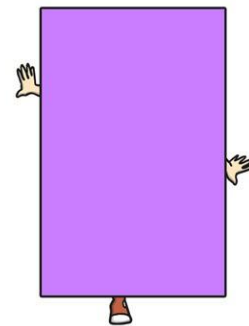
travel



straight

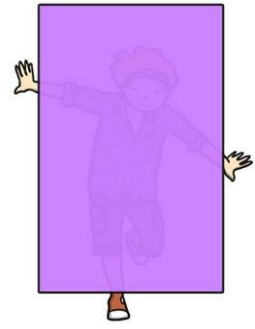


opaque





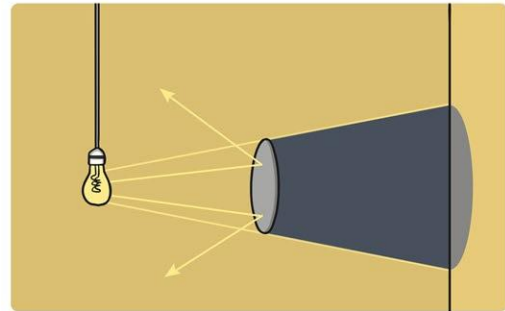
# translucent



# transparent



# block



# shadow







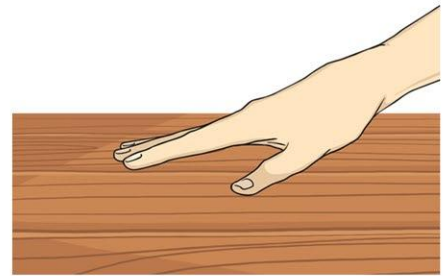
material



surface



smooth

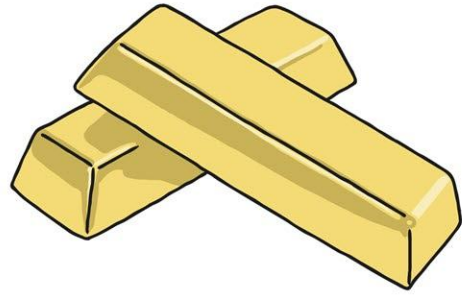


illuminate

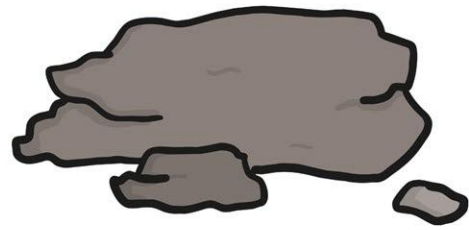




shiny



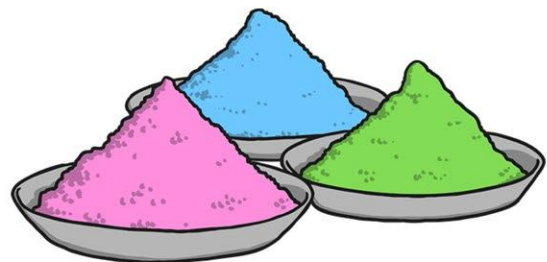
rough



reverse



bright



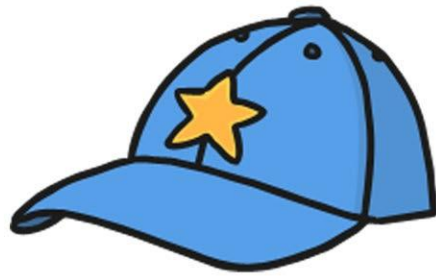




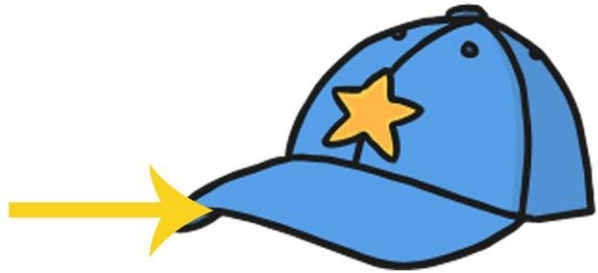
sunglasses



hat



brim



energy

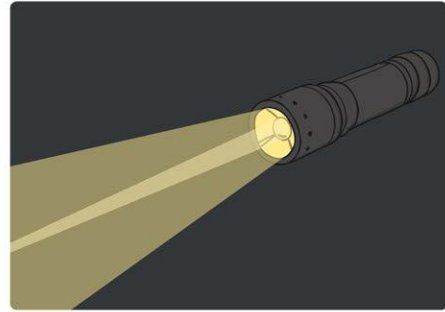




light



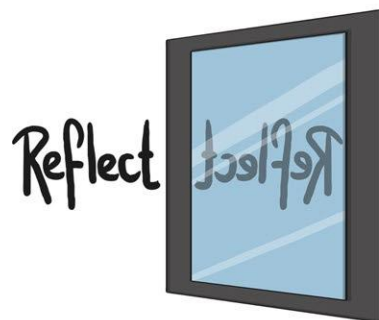
source



dark



reflect



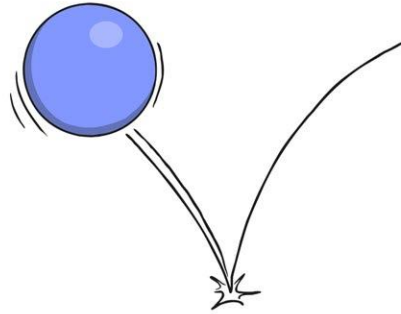




visible



bounce



mirror

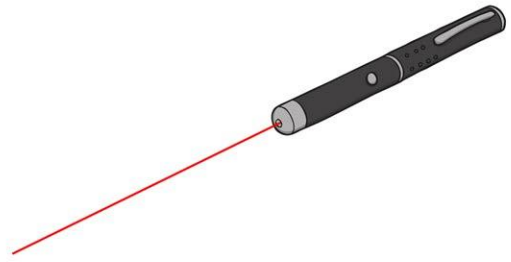


ray

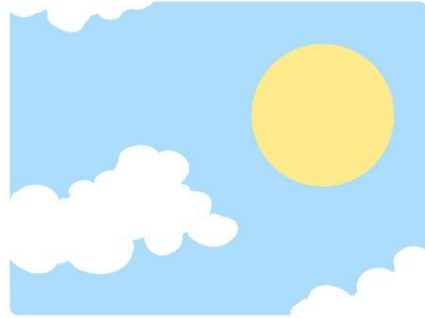




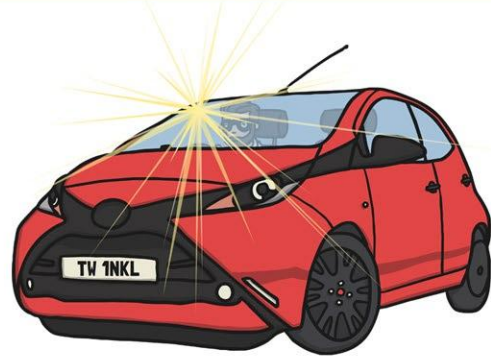
beam



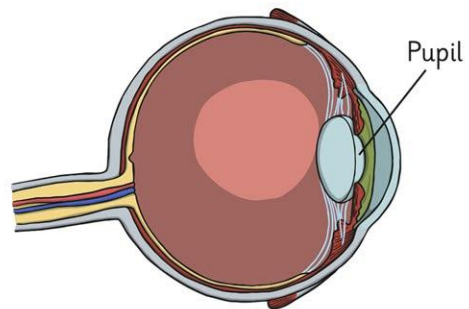
sun



glare



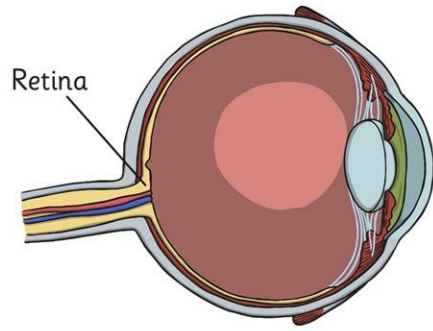
pupil







retina



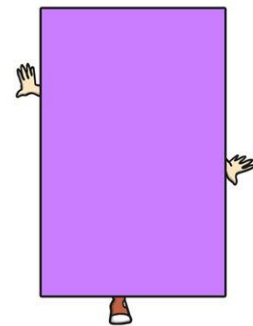
travel



straight

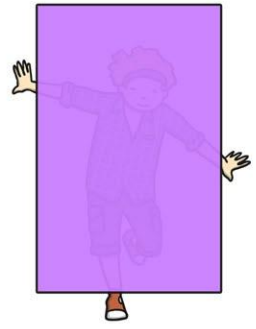


opaque





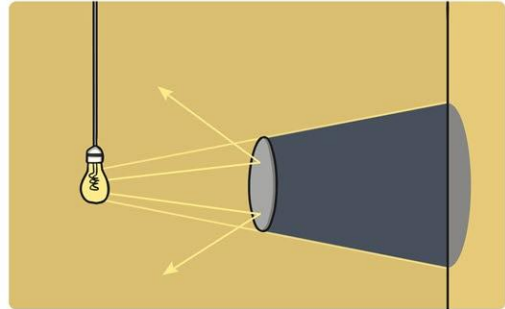
translucent



transparent



block



shadow







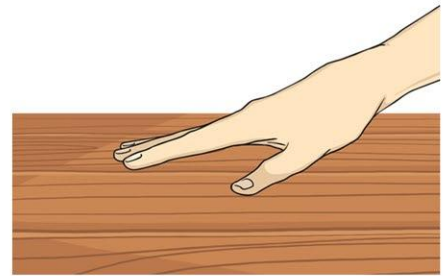
material



surface



smooth

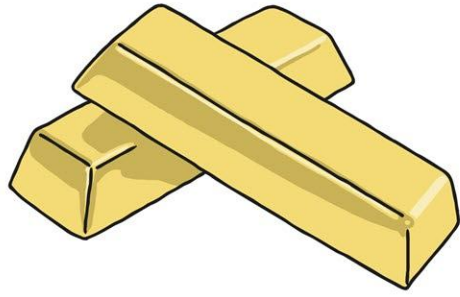


illuminate

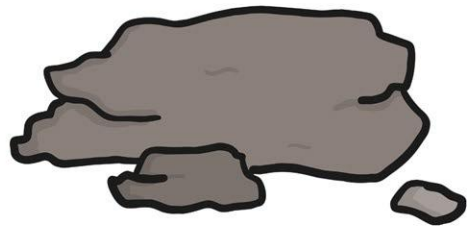




shiny



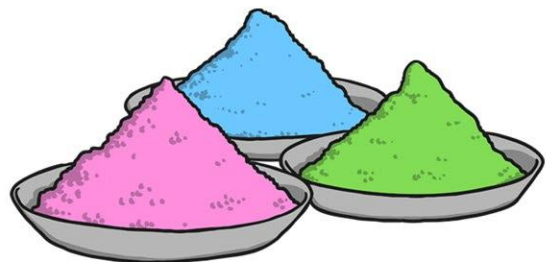
rough



reverse



bright



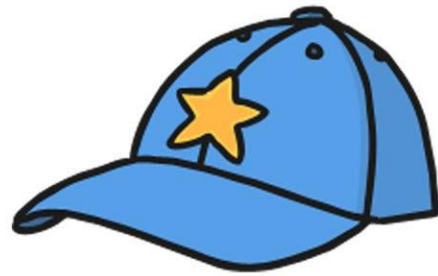




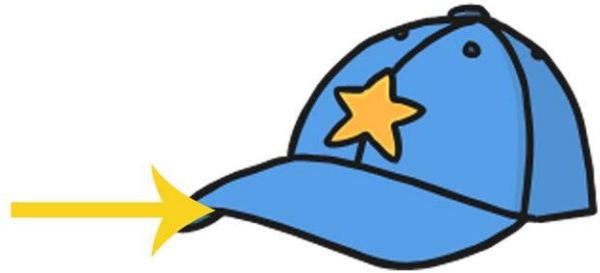
sunlasses



hat



brim



energy

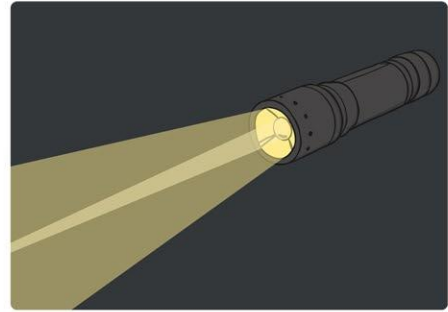




light



source



dark



reflect

Reflect



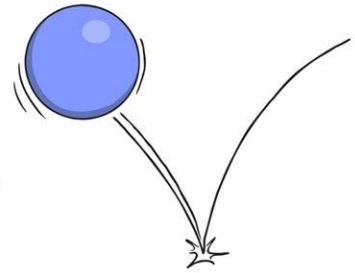




visible



bounce



mirror

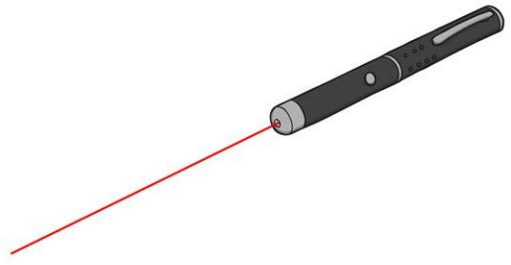


ray

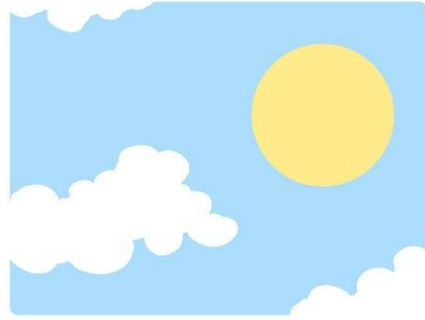




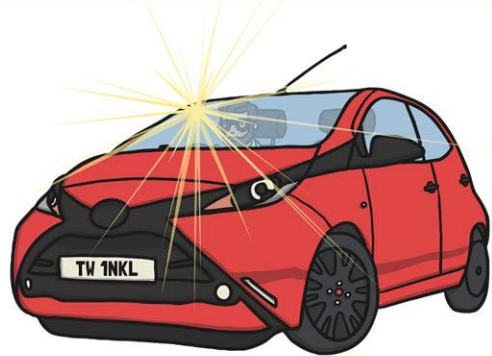
beam



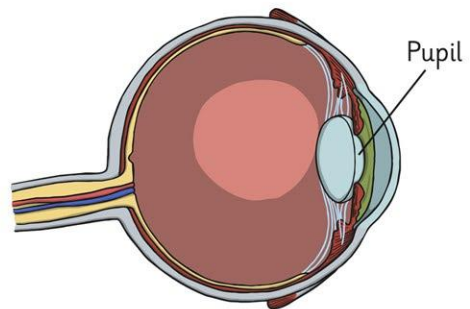
sun



glare



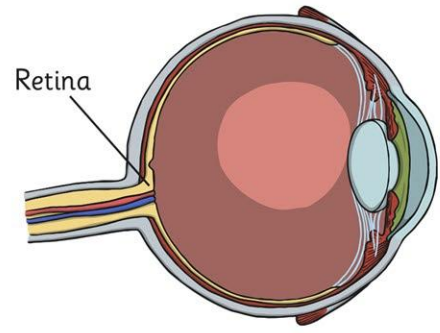
pupil







retina



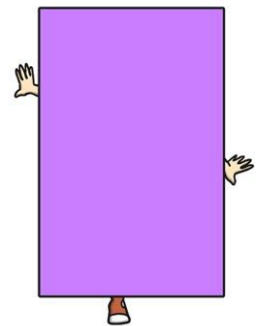
travel



straight

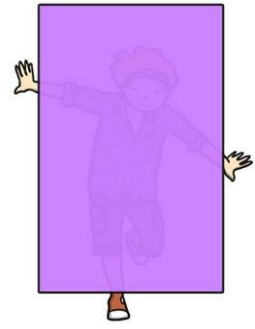


opaque





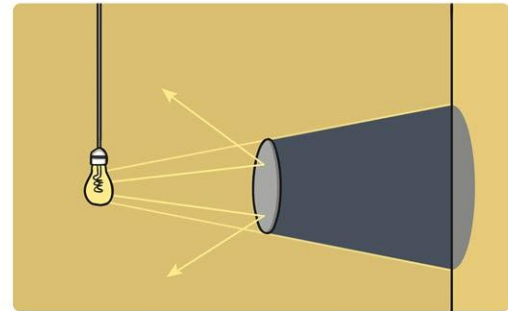
translucent



transparent



block



shadow







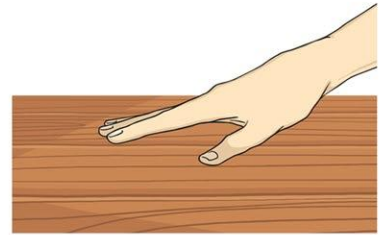
material



surface



smooth

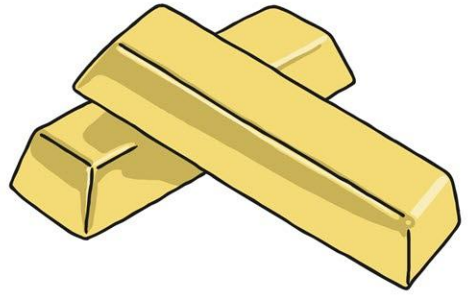


illuminate

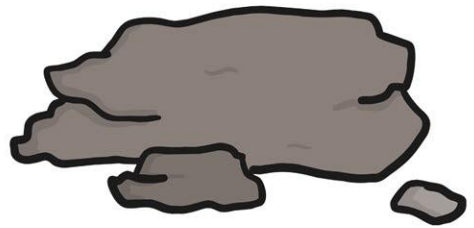




shiny



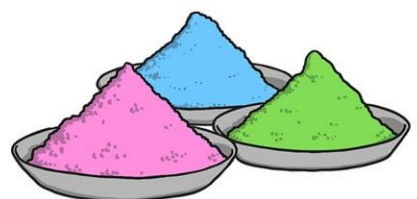
rough



reverse



bright

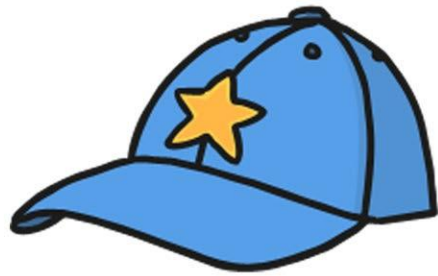




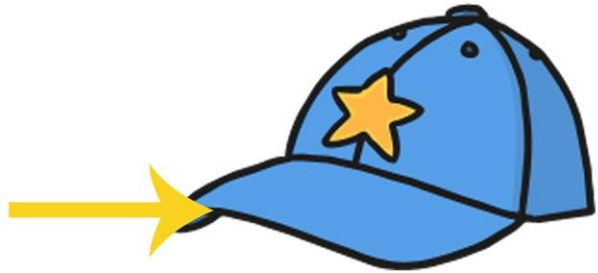


sunlasses 

hat



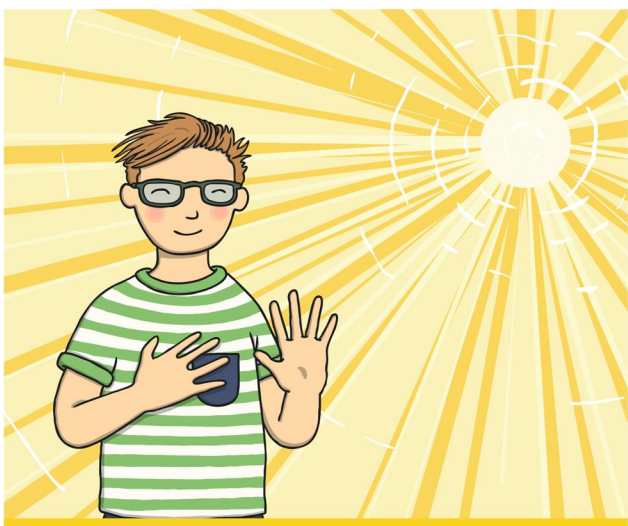
brim



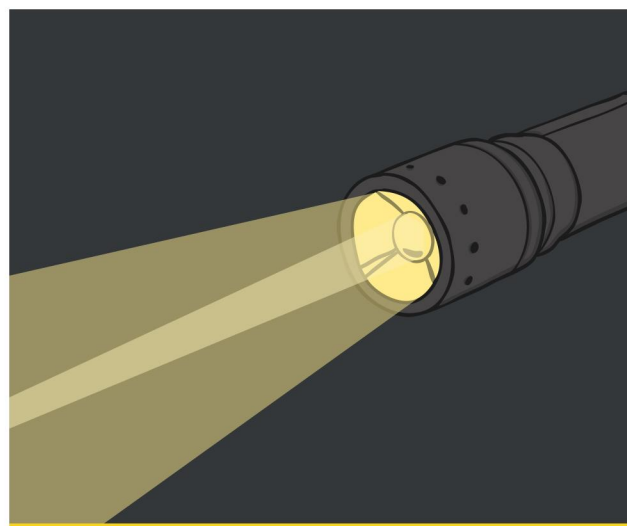
energy



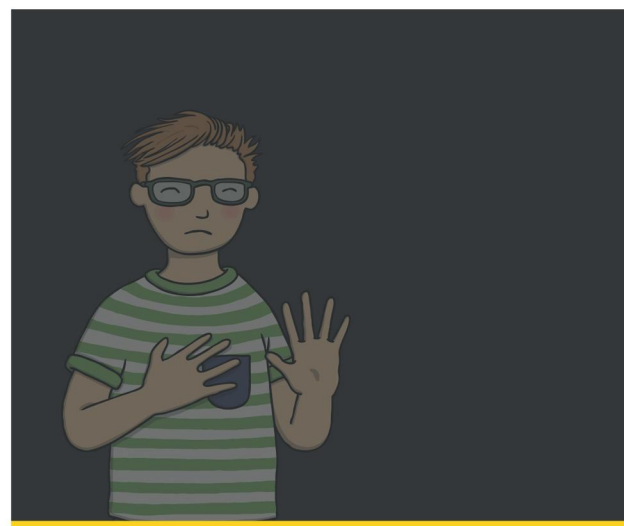
# Light



light



source



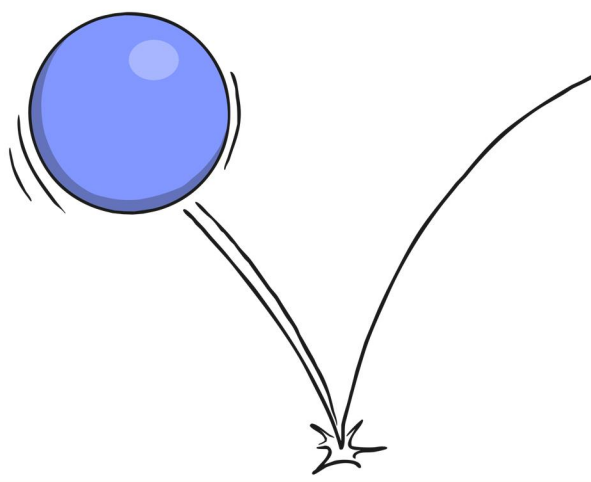
dark



reflect



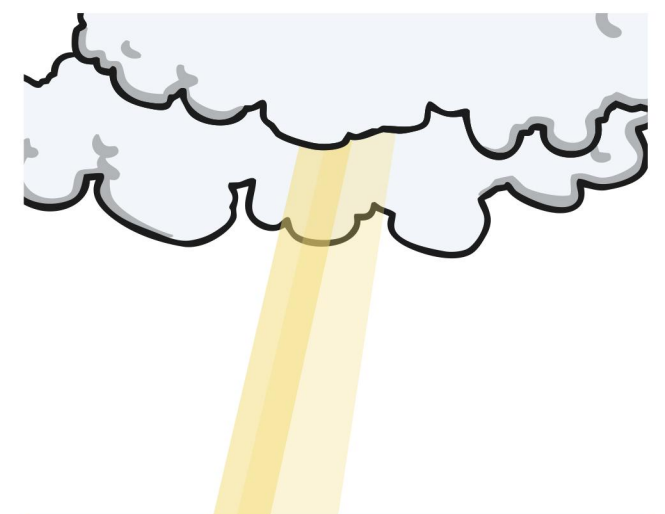
visible



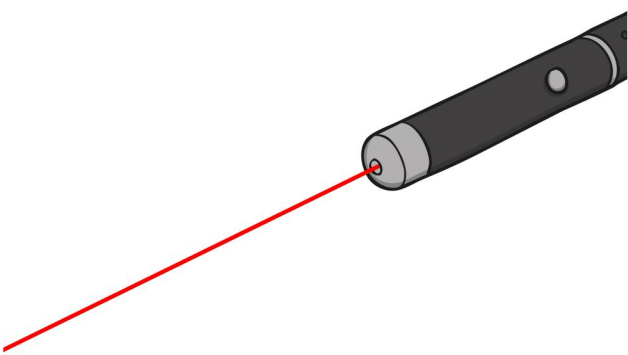
bounce



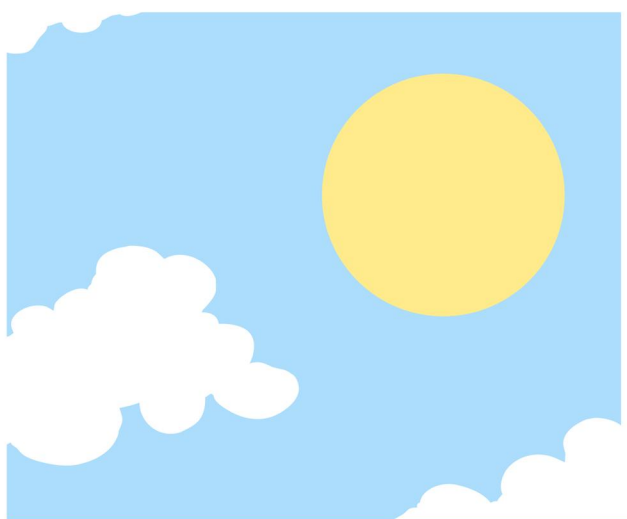
mirror



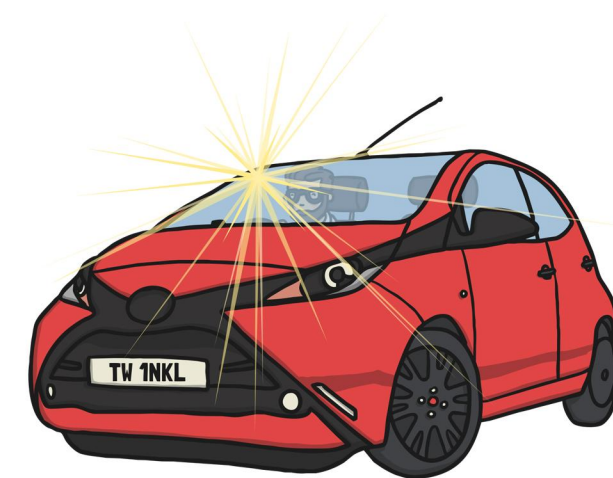
ray



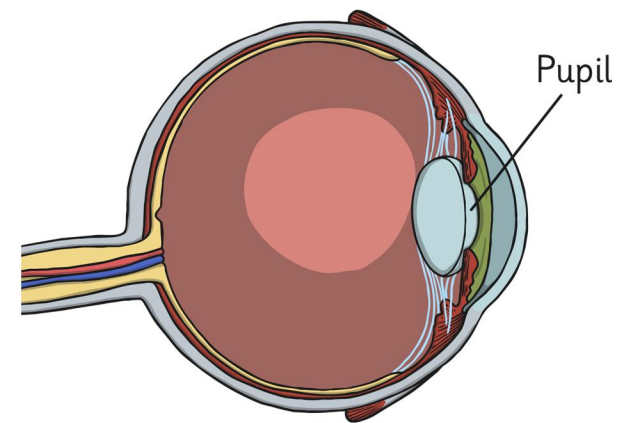
beam



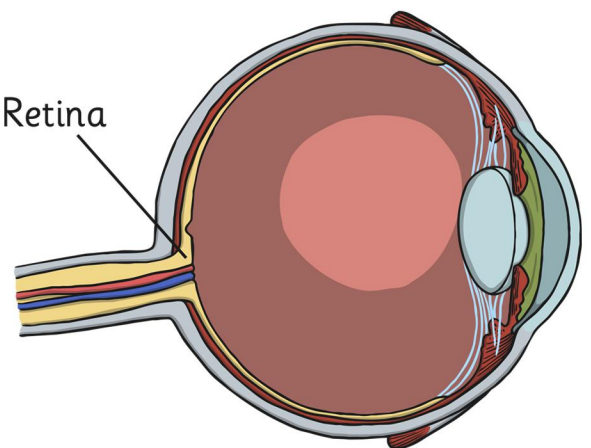
sun



glare



pupil



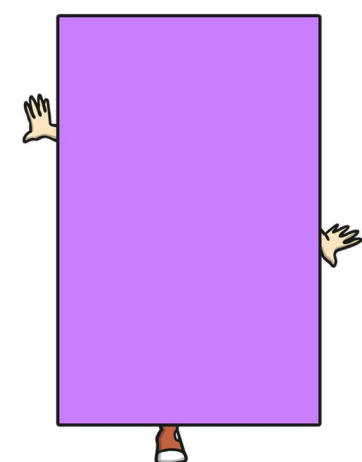
retina



travel



straight



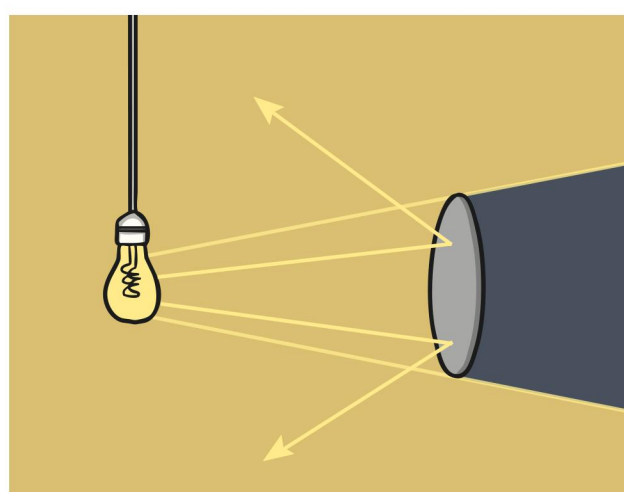
opaque



translucent



transparent



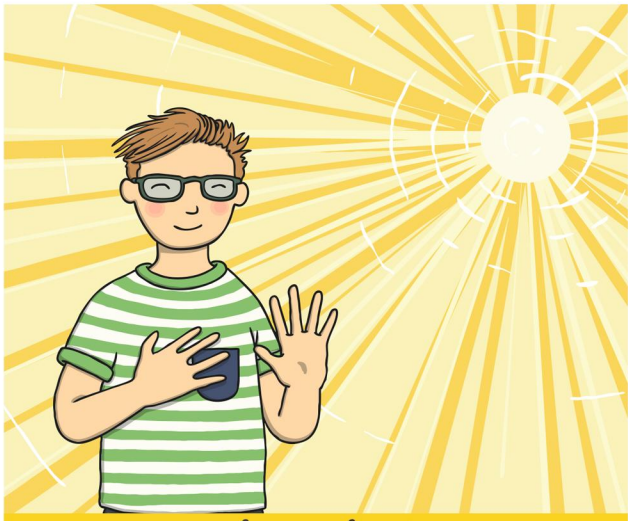
block



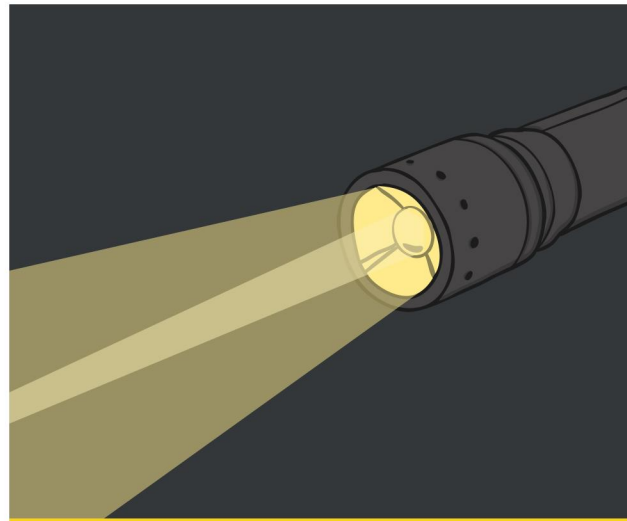
shadow



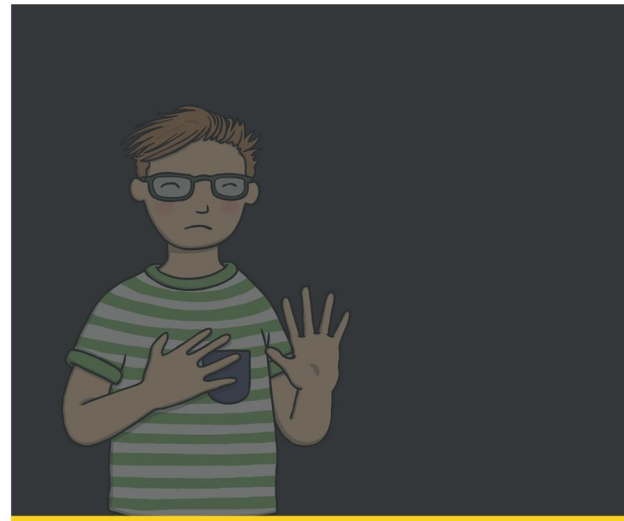
# Light



light



source



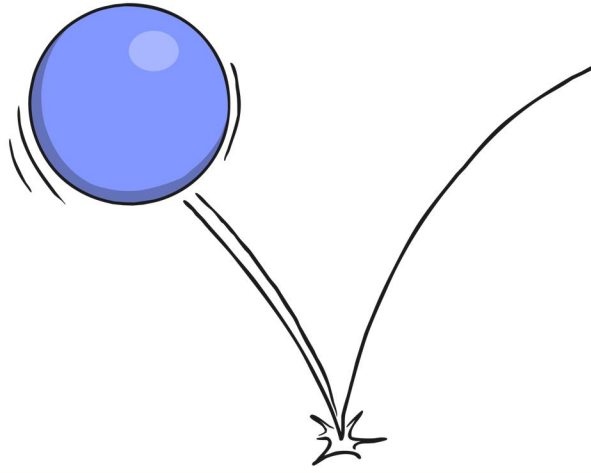
dark



reflect



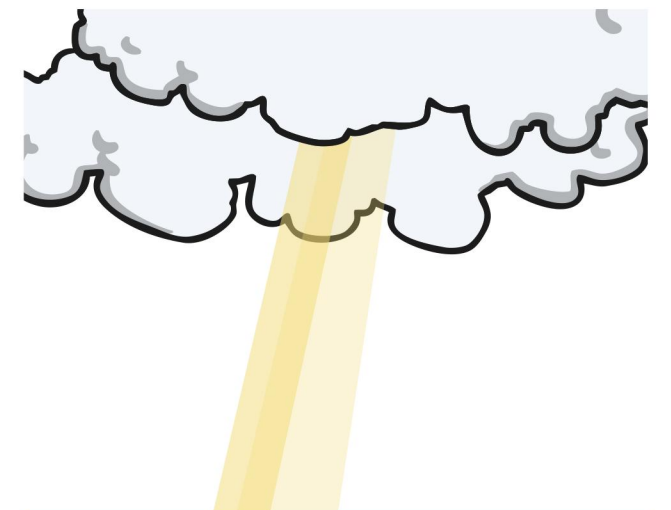
visible



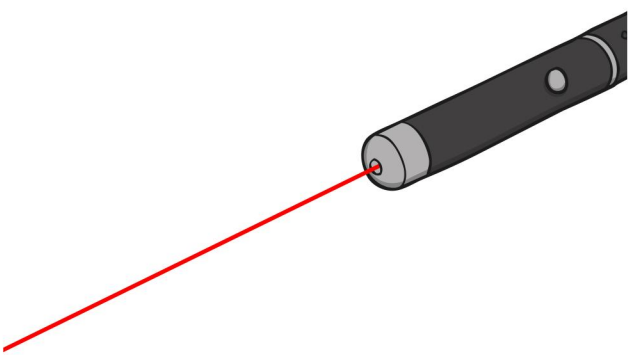
bounce



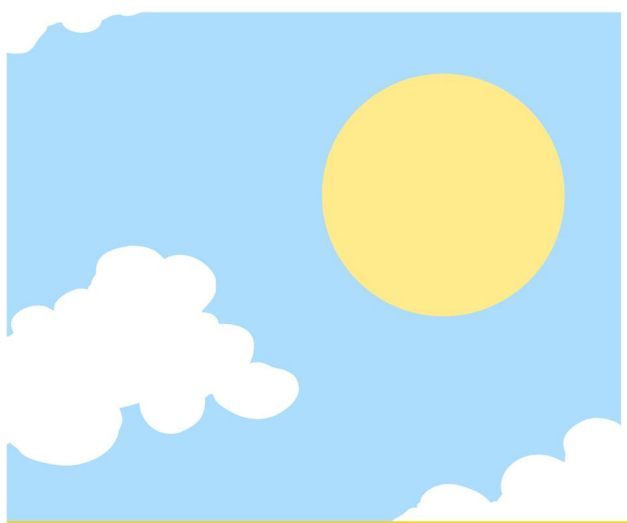
mirror



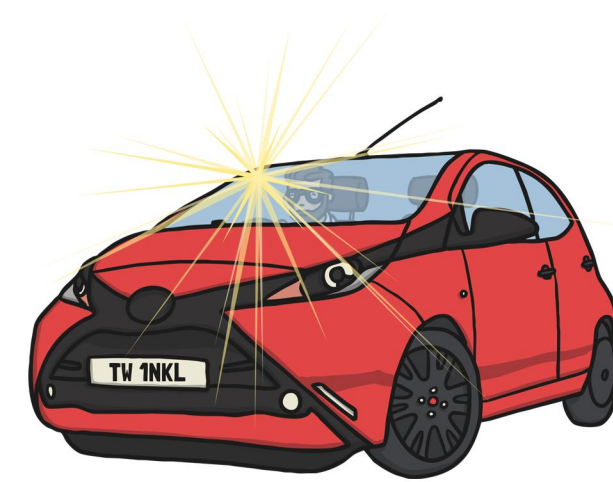
ray



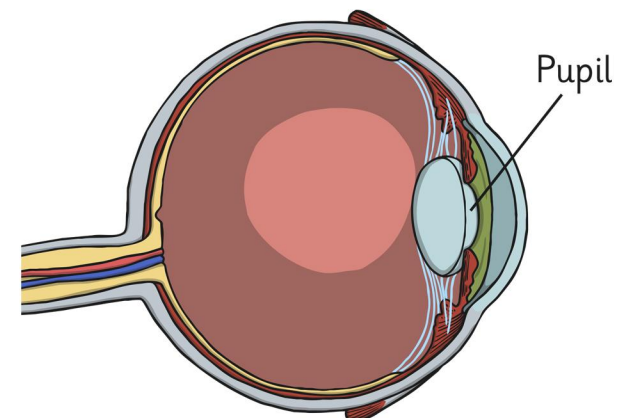
beam



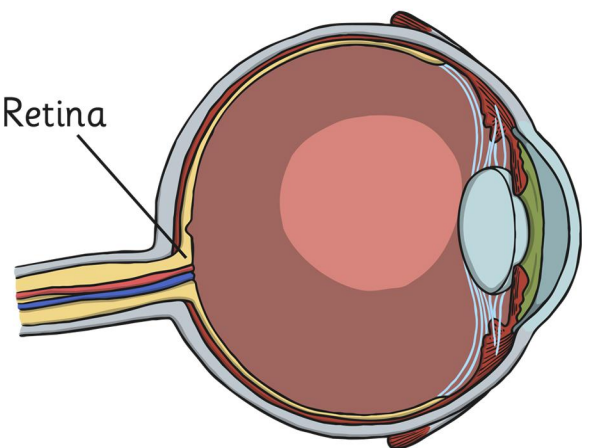
sun



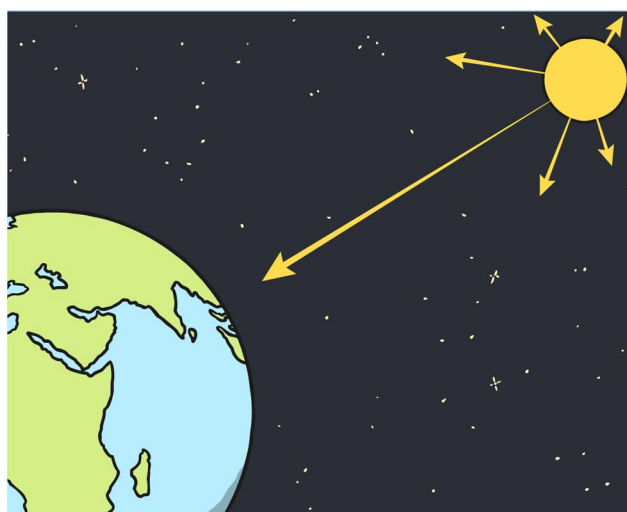
glare



pupil



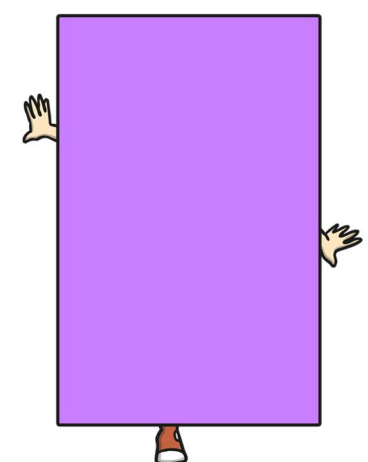
retina



travel



straight



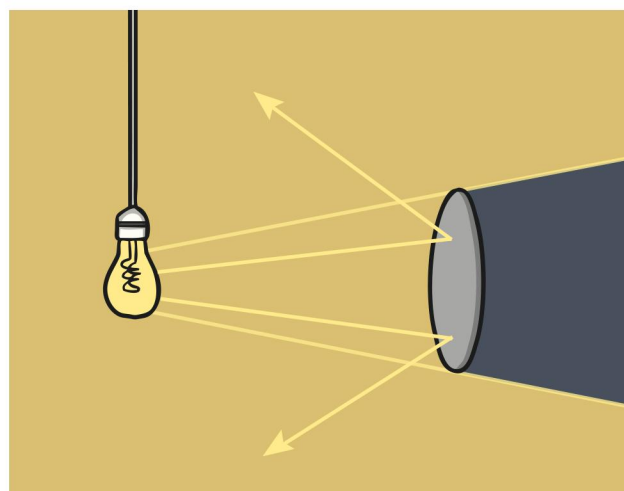
opaque



translucent



transparent



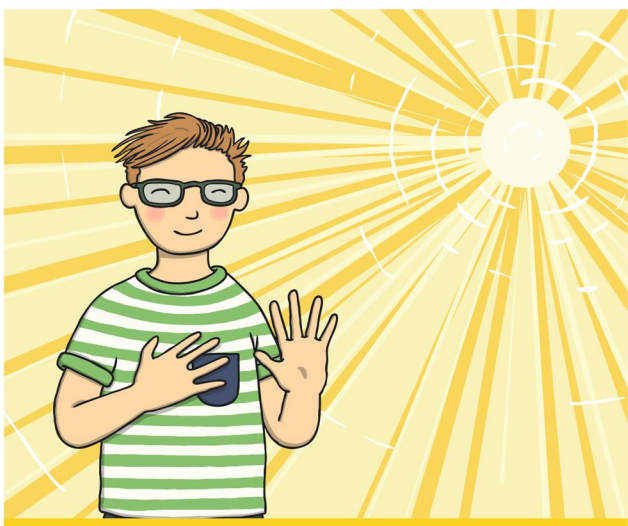
block



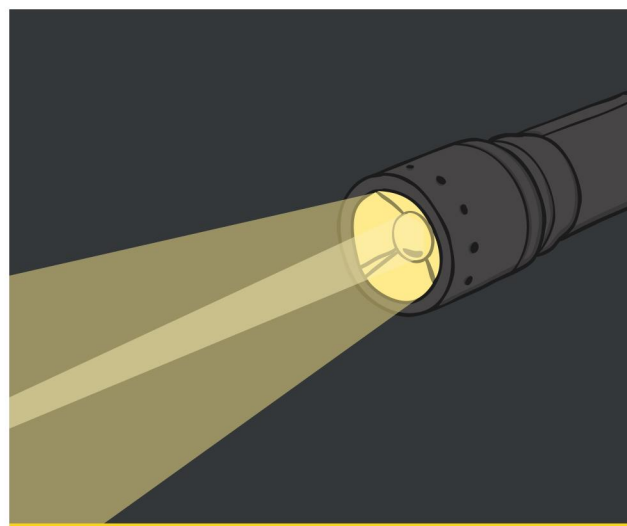
shadow



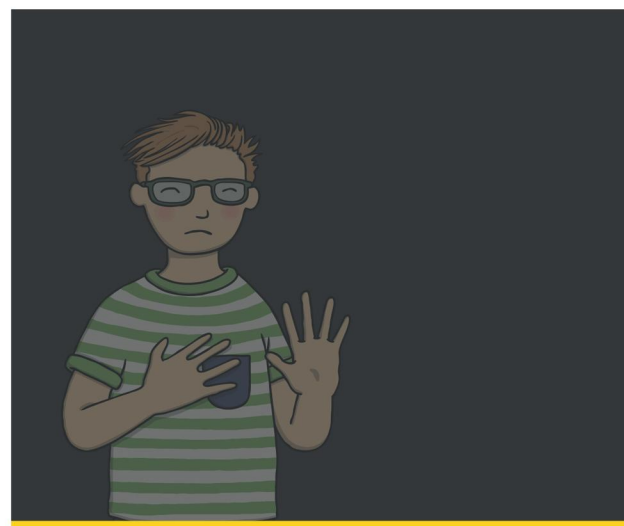
# Light



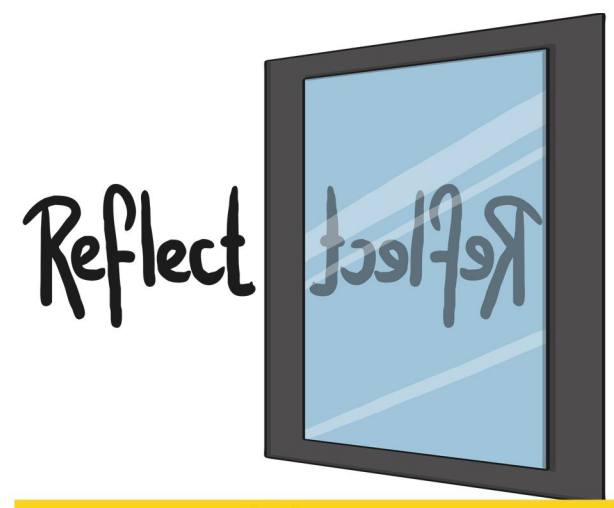
light



source



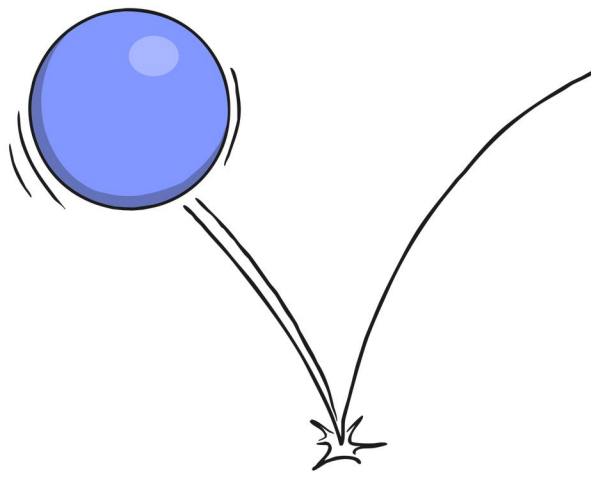
dark



reflect



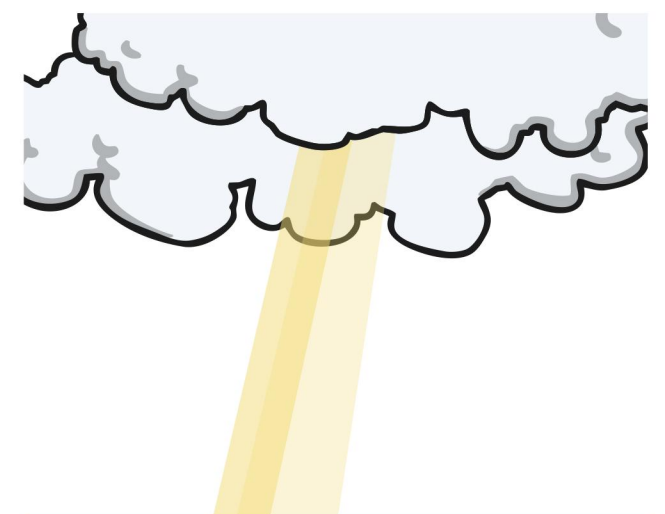
visible



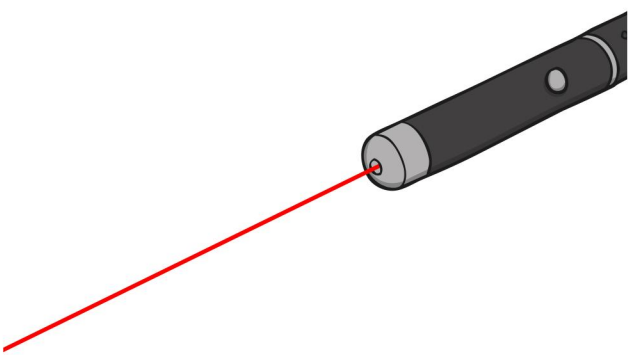
bounce



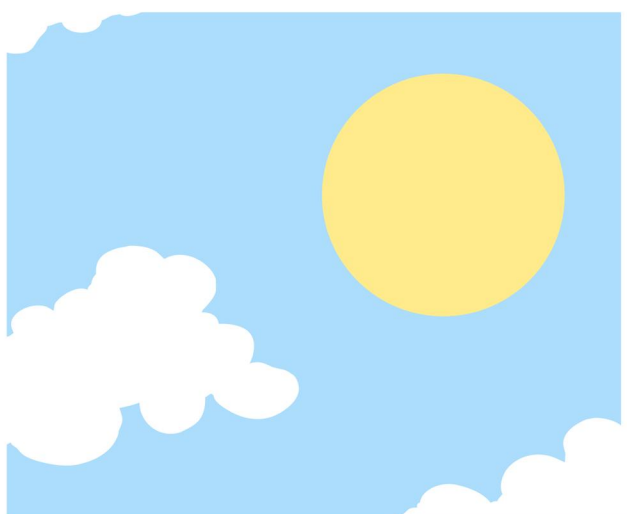
mirror



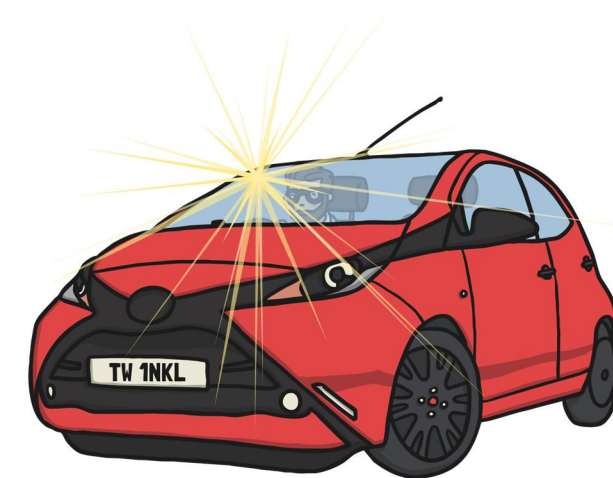
ray



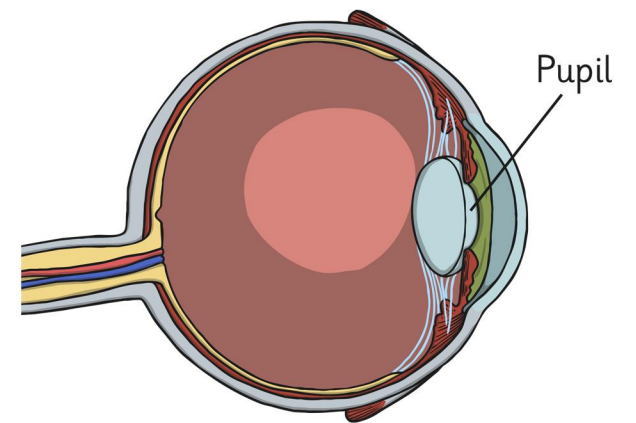
beam



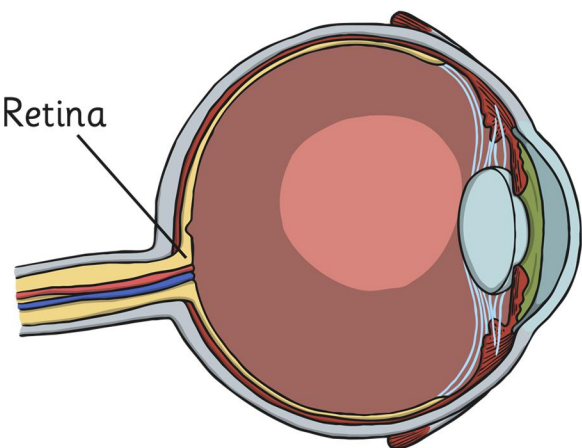
sun



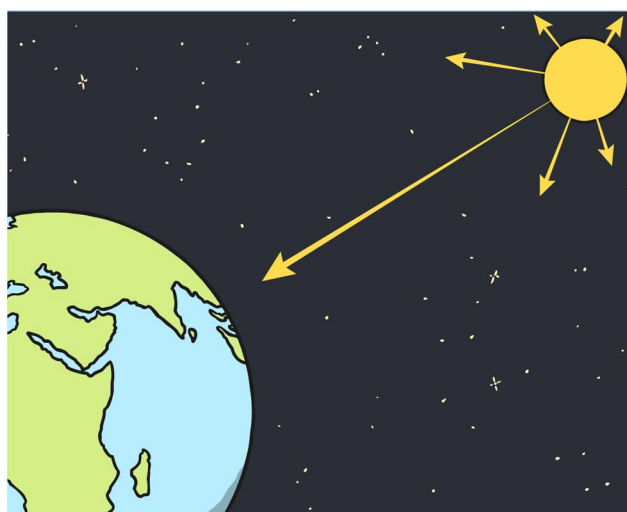
glare



pupil



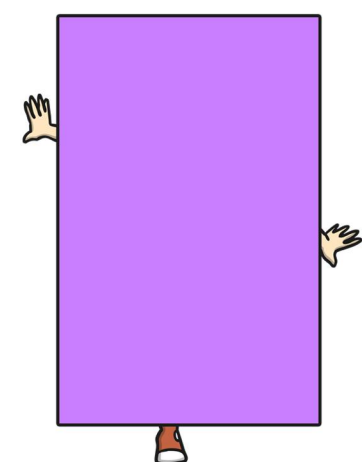
retina



travel



straight



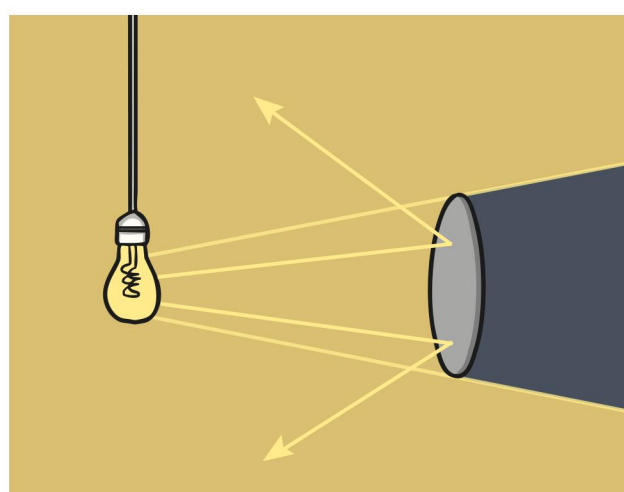
opaque



translucent



transparent



block



shadow





# Light

l a t b g l a r e i g s  
i b r l a c k d o p t o  
g a a t d a r k p r e u  
h t n p u p i l a r a r  
t r s t r a i g h t d c  
n e b o a t g h a t k e  
w t l a s h m y d i n n  
h i o e r e f l e c t p  
i n c l l e d a b e a m  
g a k r y f a z e a t g  
q r t p s h a d o w x m  
t r a n s u n c r t y w

light	pupil
dark	retina
source	glare
reflect	sun
beam	block
straight	shadow





# Light

l a t b ~~g l a r e~~ i g s  
l b r l a c k d o p t o  
g a a t ~~d a r k~~ p r e u  
h t n ~~p u p i t~~ a r a r  
t r s ~~t r a i g h t~~ d c  
n e b o a t g h a t k e  
w t l a s h m y d i n n  
h l o e ~~r e f l e c t~~ p  
i n c l l e d a ~~b e a m~~  
g a k r y f a z e a t g  
q r t p ~~s h a d o w~~ x m  
t r a n ~~s u n~~ c r t y w

light

dark

source

reflect

beam

straight

pupil

retina

glare

sun

block

shadow





# Light

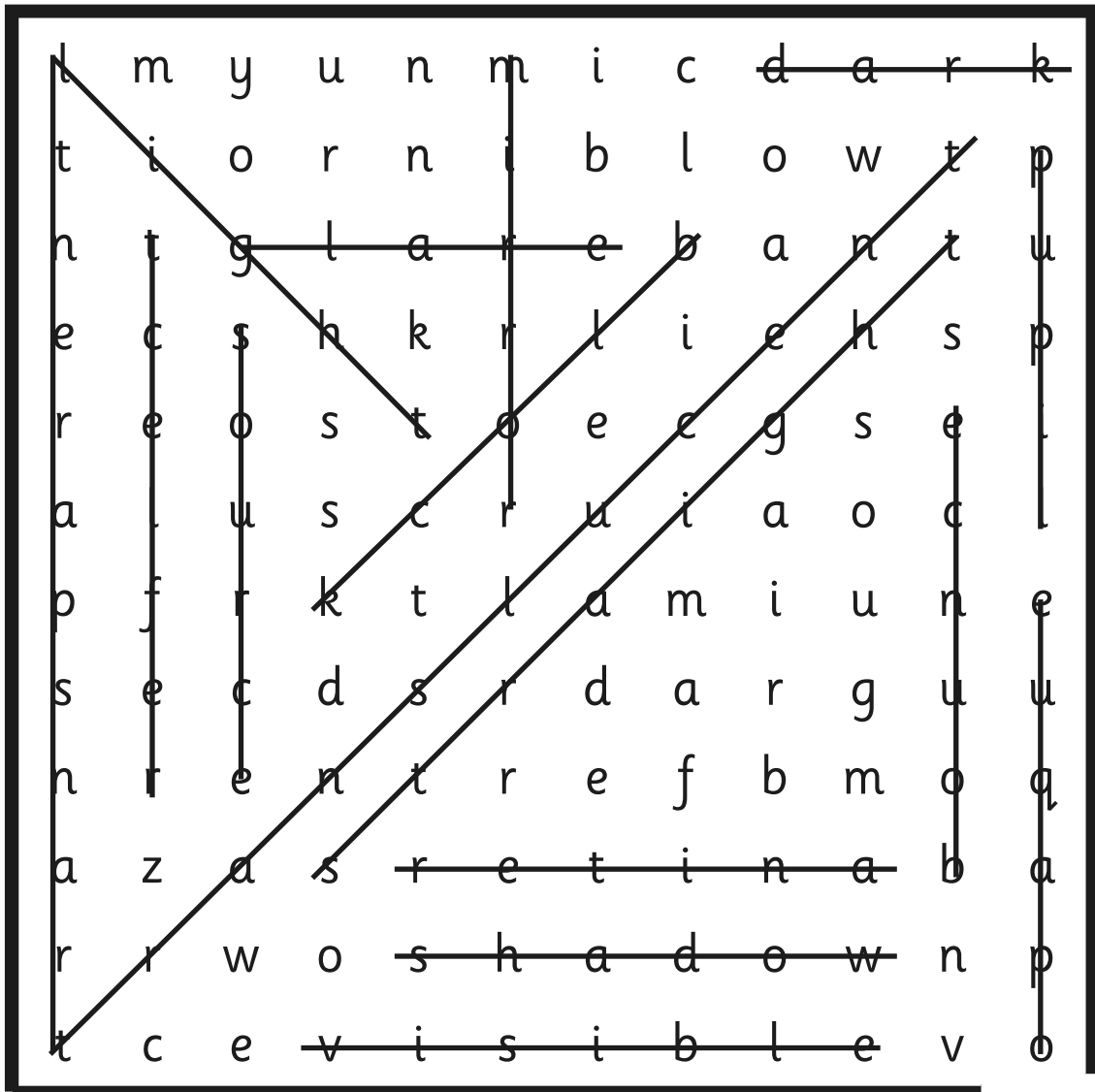
l m y u n m i c d a r k  
t i o r n i b l o w t p  
n t g l a r e b a n t u  
e c s h k r l i e h s p  
r e o s t o e c g s e i  
a l u s c r u i a o c l  
p f r k t l a m i u n e  
s e c d s r d a r g u u  
n r e n t r e f b m o q  
a z a s r e t i n a b a  
r r w o s h a d o w n p  
t c e v i s i b l e v o

light	reflect
dark	bounce
straight	retina
opaque	pupil
translucent	glare
transparent	visible
shadow	source
mirror	block





# Light



- |             |         |
|-------------|---------|
| light       | reflect |
| dark        | bounce  |
| straight    | retina  |
| opaque      | pupil   |
| translucent | glare   |
| transparent | visible |
| shadow      | source  |
| mirror      | block   |





# Light

l a t b g l a r e i g s  
i b r l a c k d o p t o  
g a a t d a r k p r e u  
h t n p u p i l a r a r  
t r s t r a i g h t d c  
n e b o a t g h a t k e  
w t l a s h m y d i n n  
h i o e r e f l e c t p  
i n c l l e d a b e a m  
g a k r y f a z e a t g  
q r t p s h a d o w x m  
t r a n s u n c r t y w

light	pupil
dark	retina
source	glare
reflect	sun
beam	block
straight	shadow



# Light

l a t b ~~g l a r e~~ i g s  
l b r l a c k d o p t o  
g a a t ~~d a r k~~ p r e u  
h t n ~~p u p i t~~ a r a r  
t r s ~~t r a i g h t~~ d c  
n e b o a t g h a t k e  
w t l a s h m y d i n n  
h l o e ~~r e f l e c t~~ p  
i n c l l e d a ~~b e a m~~  
g a k r y f a z e a t g  
q r t p ~~s h a d o w~~ x m  
t r a n ~~s u n~~ c r t y w

light

dark

source

reflect

beam

straight

pupil

retina

glare

sun

block

shadow





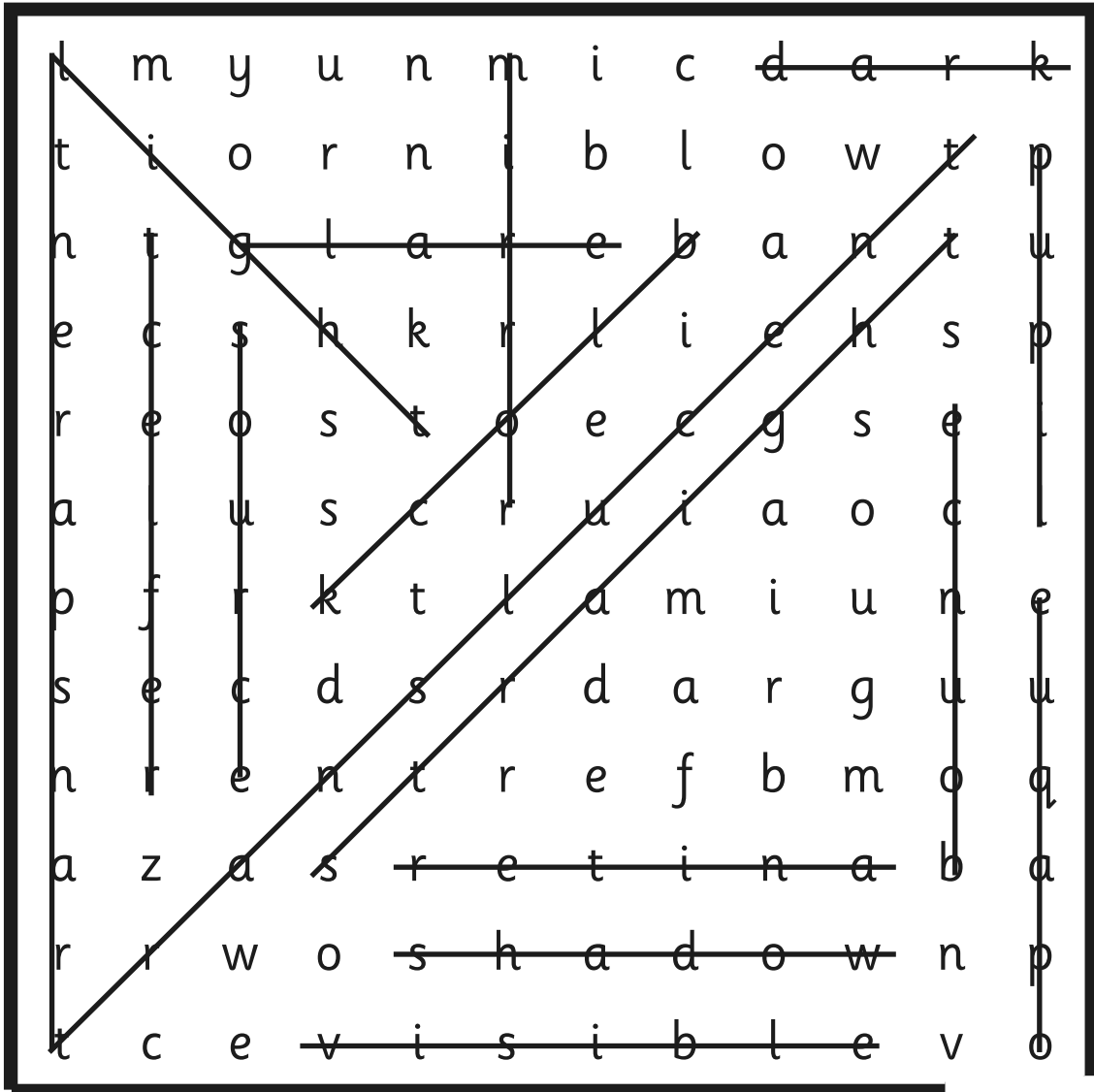
# Light

l m y u n m i c d a r k  
t i o r n i b l o w t p  
n t g l a r e b a n t u  
e c s h k r l i e h s p  
r e o s t o e c g s e i  
a l u s c r u i a o c l  
p f r k t l a m i u n e  
s e c d s r d a r g u u  
n r e n t r e f b m o q  
a z a s r e t i n a b a  
r r w o s h a d o w n p  
t c e v i s i b l e v o

light	reflect
dark	bounce
straight	retina
opaque	pupil
translucent	glare
transparent	visible
shadow	source
mirror	block

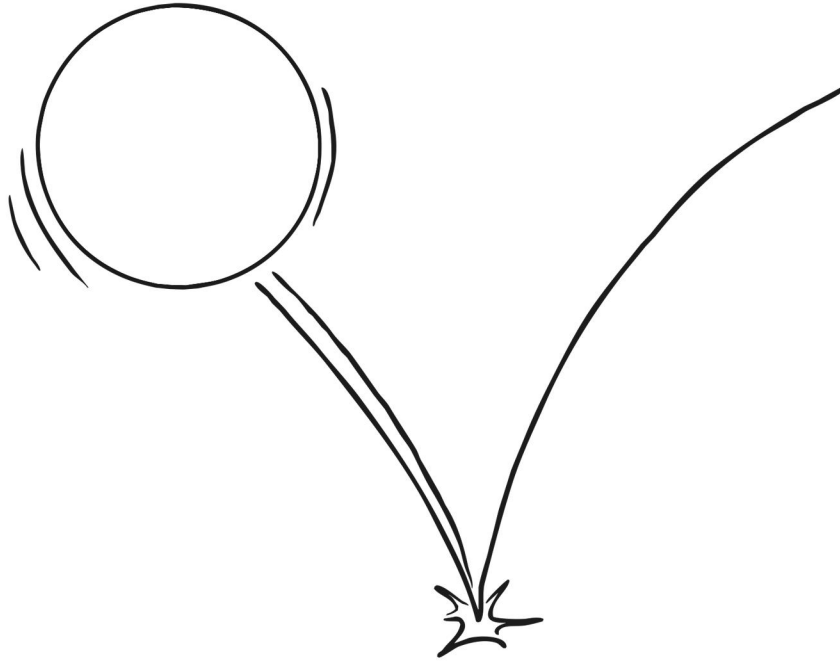


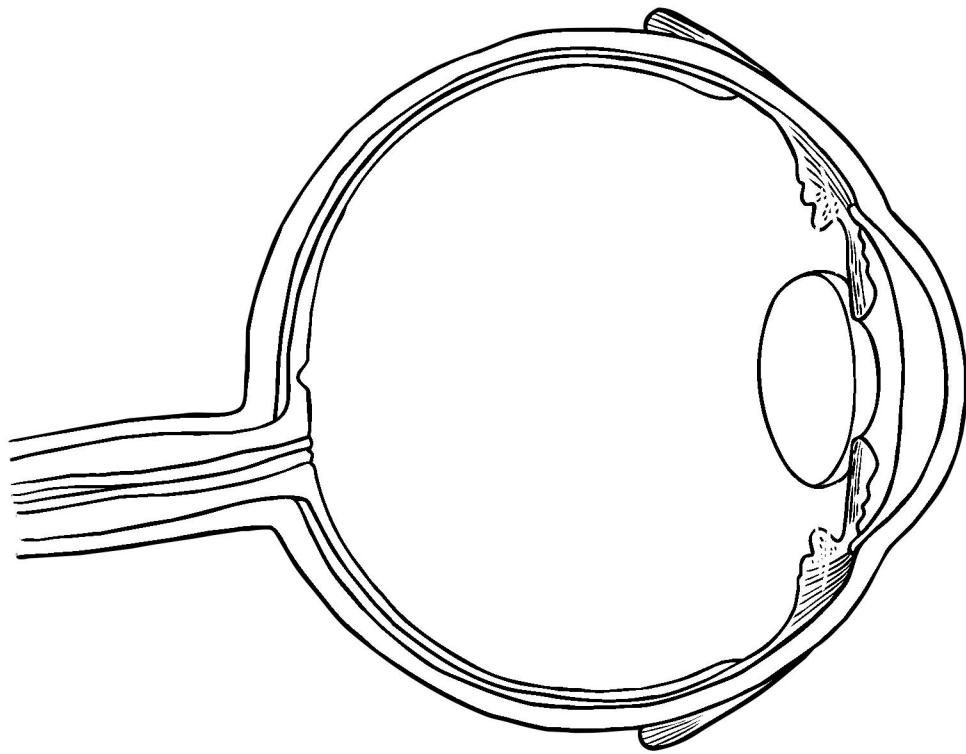
# Light



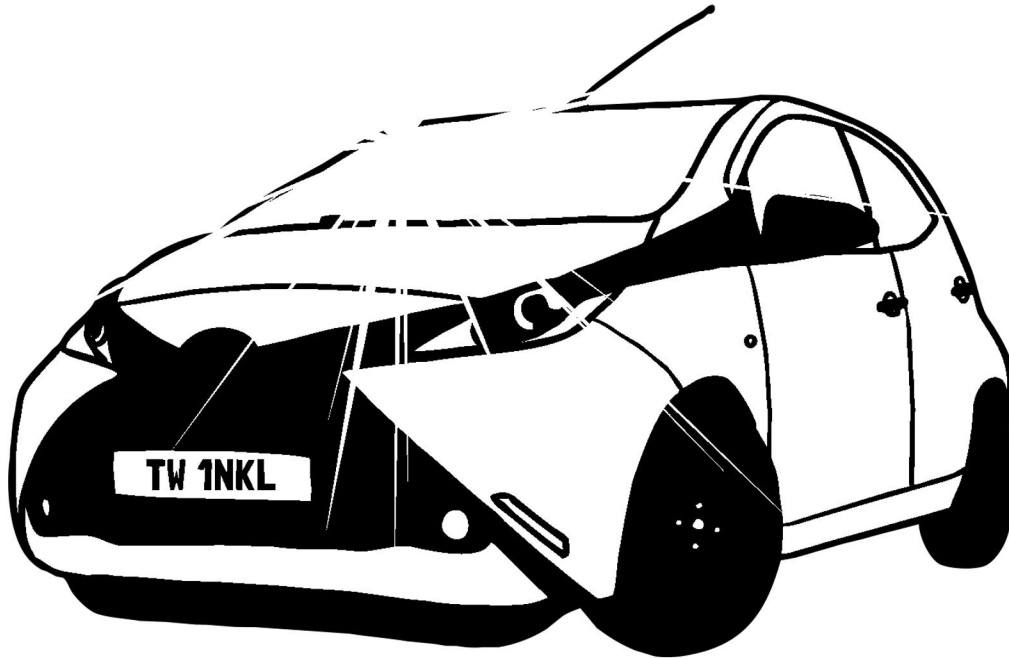
- |             |         |
|-------------|---------|
| light       | reflect |
| dark        | bounce  |
| straight    | retina  |
| opaque      | pupil   |
| translucent | glare   |
| transparent | visible |
| shadow      | source  |
| mirror      | block   |

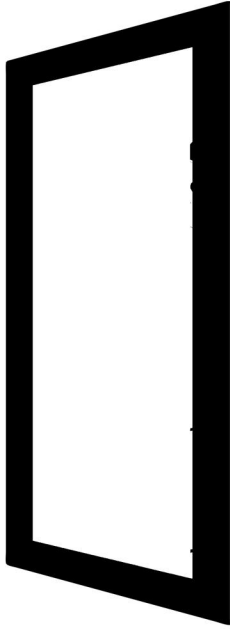
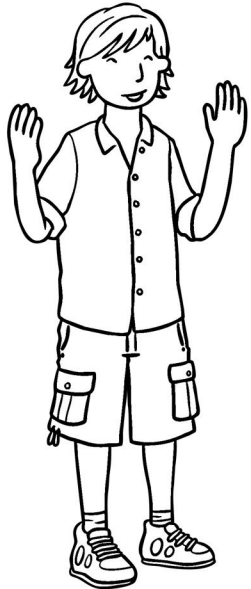




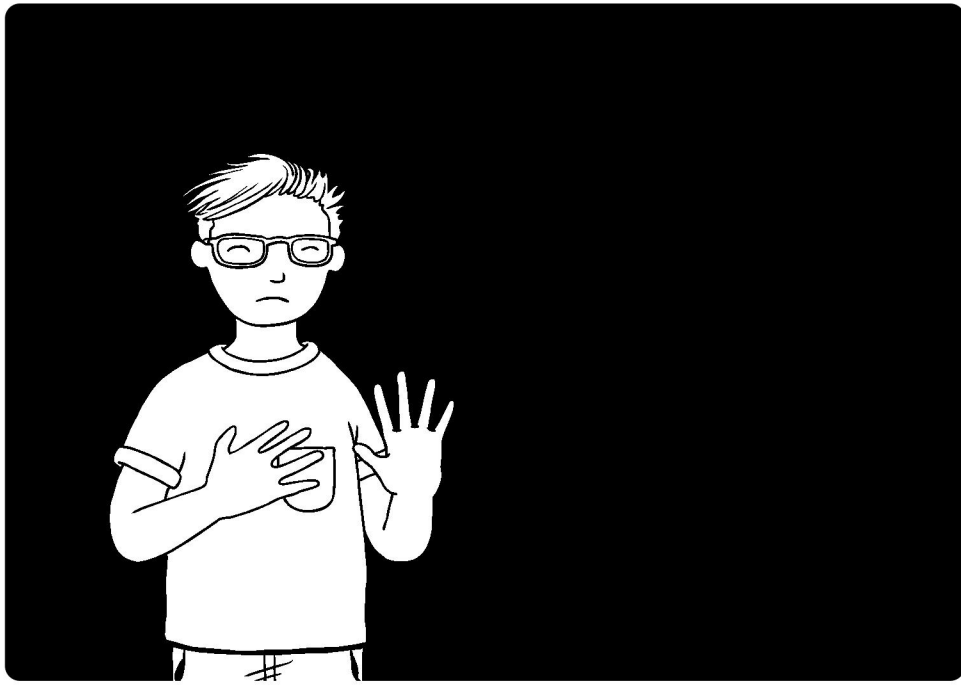






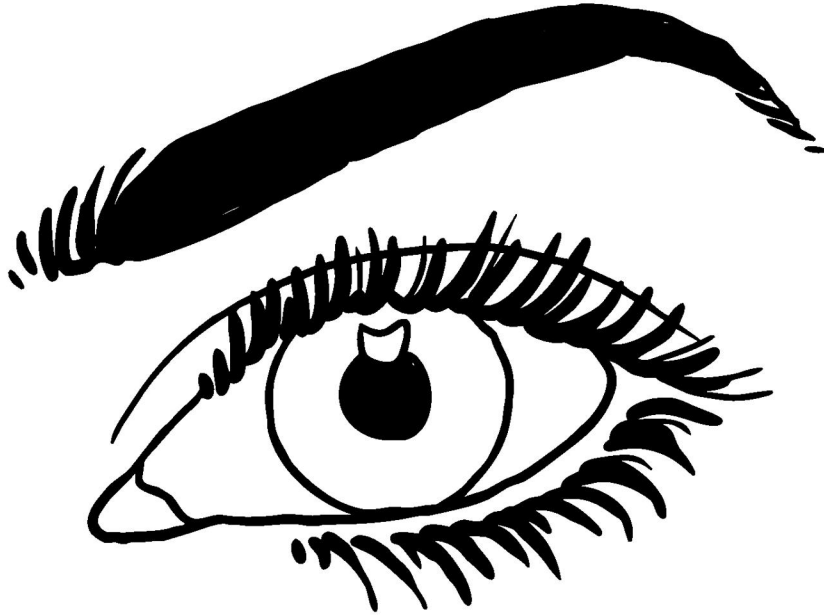


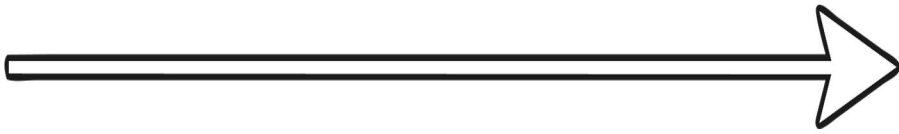




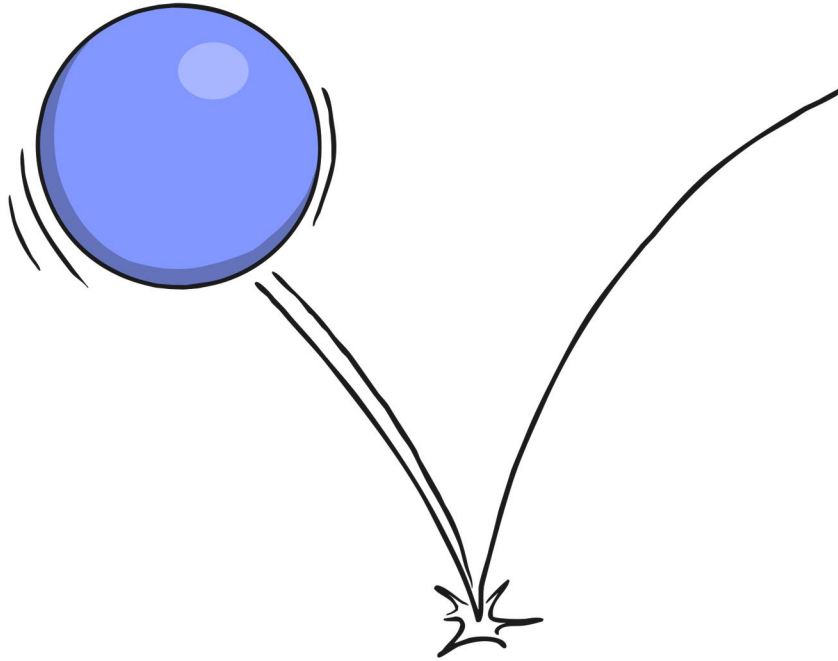






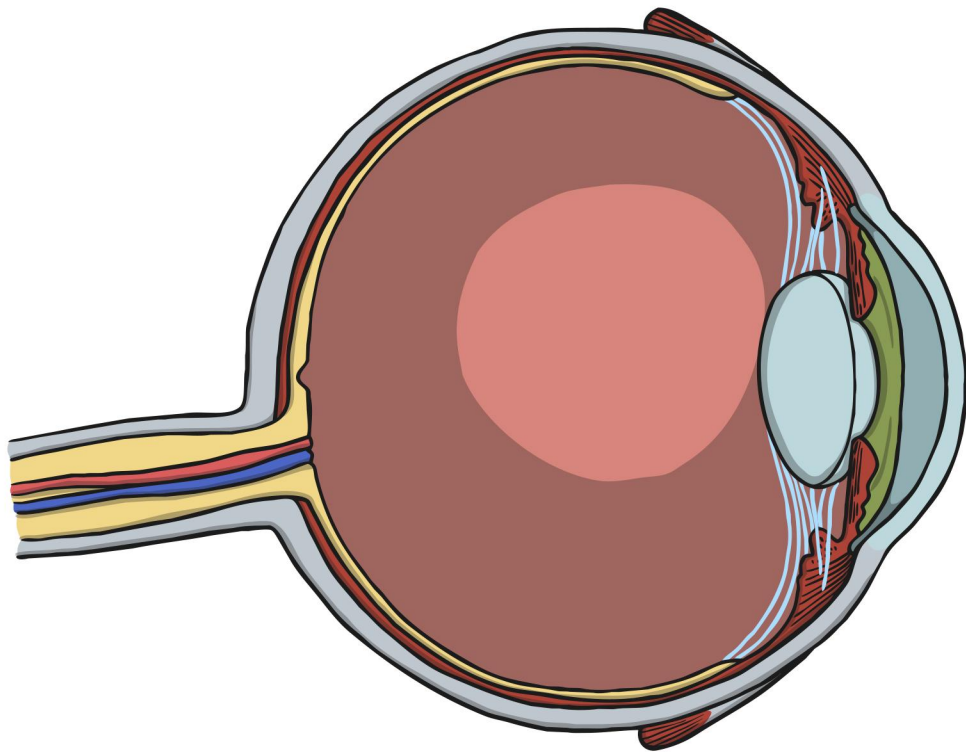




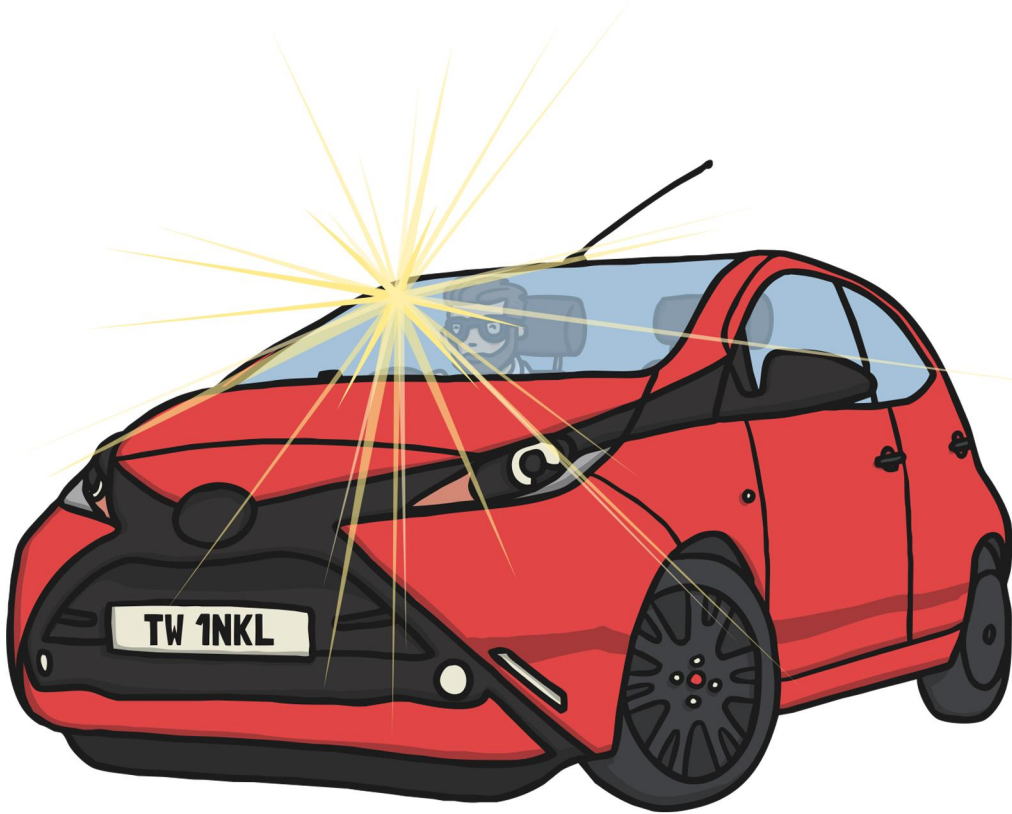




---



















---

























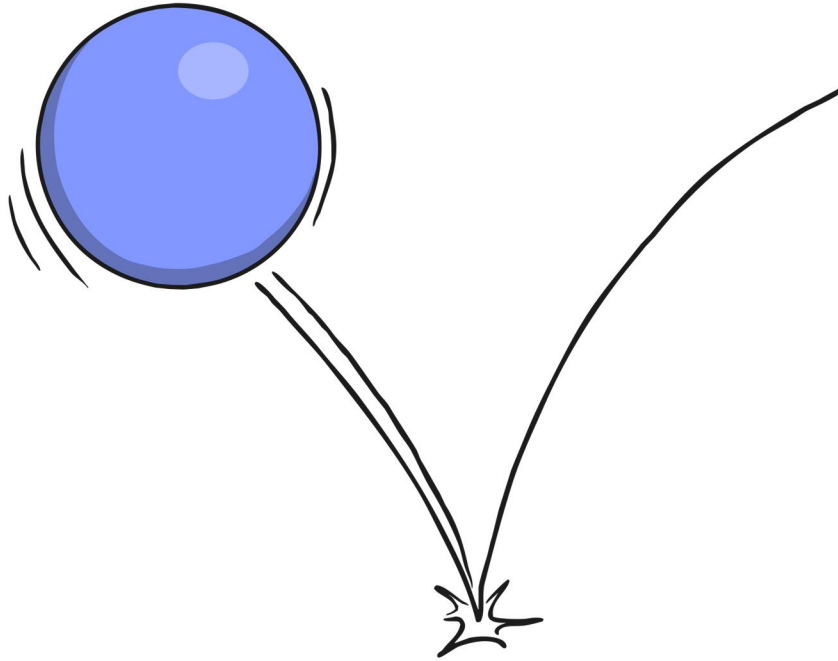








---



---

---

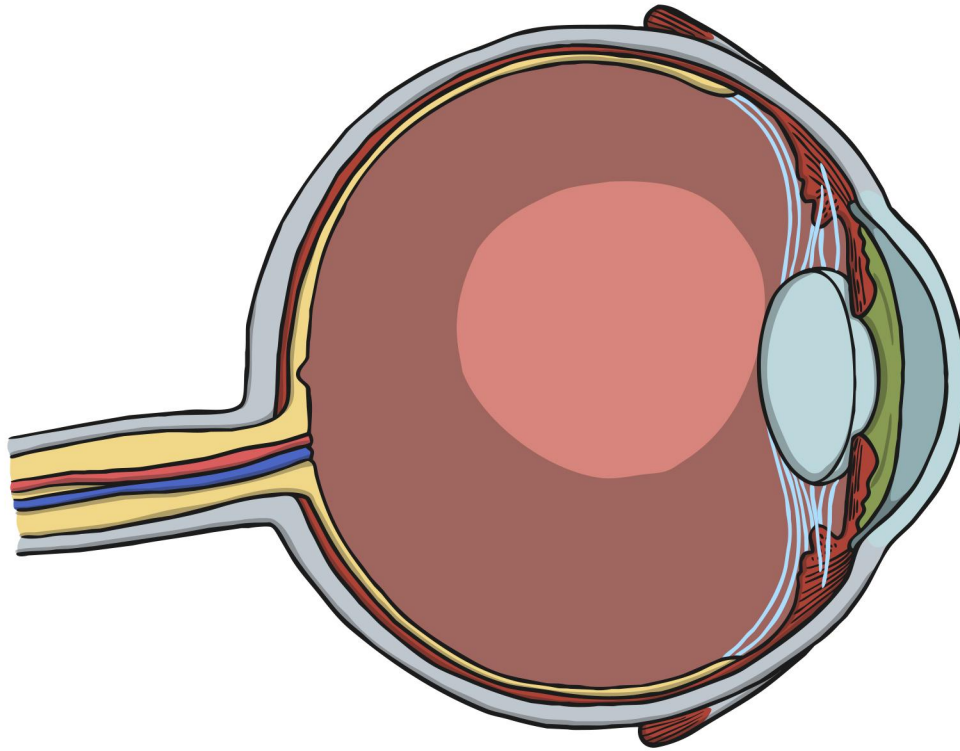
---

---

---



---



---

---

---

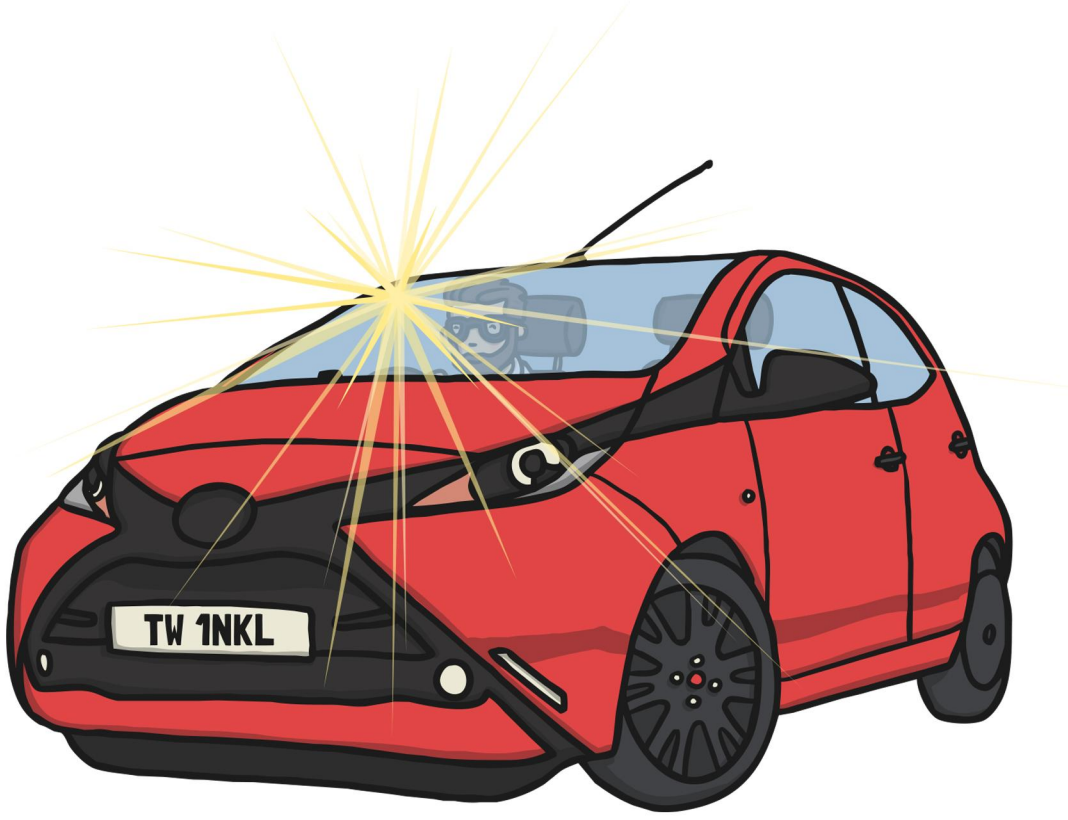
---

---





---



---

---

---

---

---



---



---

---

---

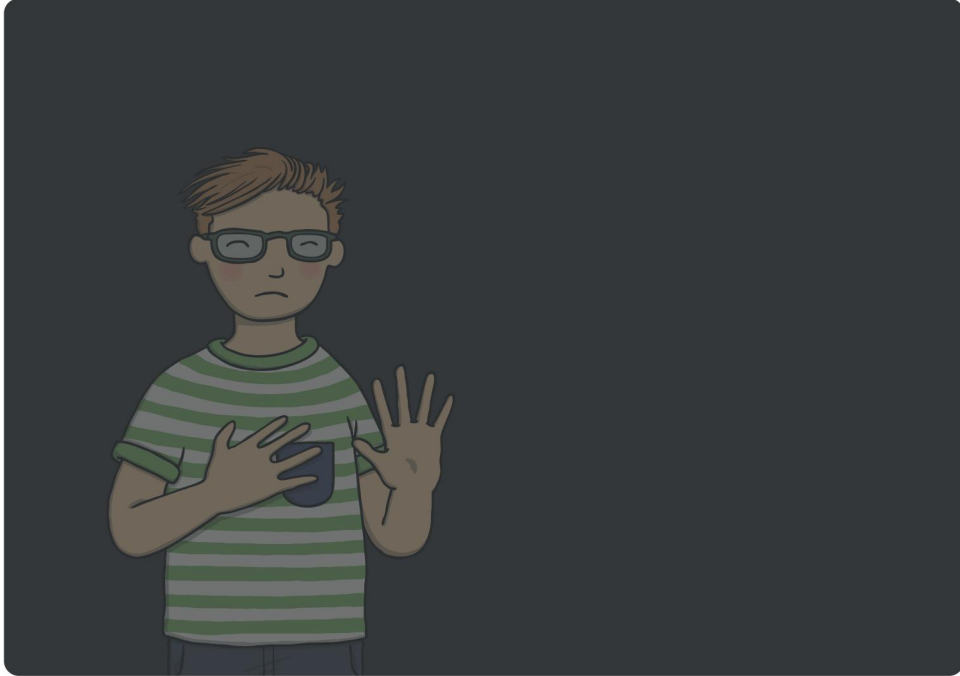
---

---





---



---

---

---

---

---



---



---

---

---

---

---





---



---

---

---

---

---



---



---

---

---

---

---













































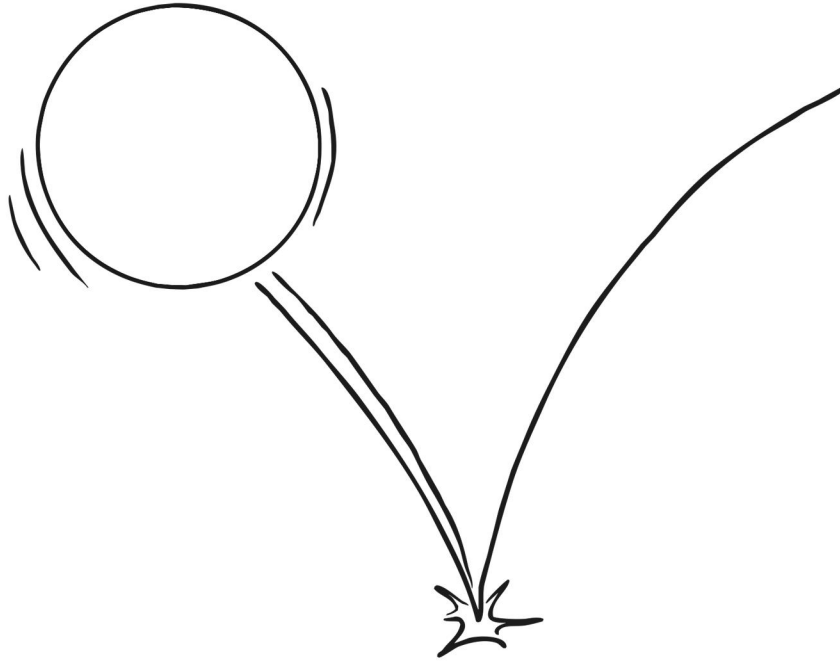








---



---

---

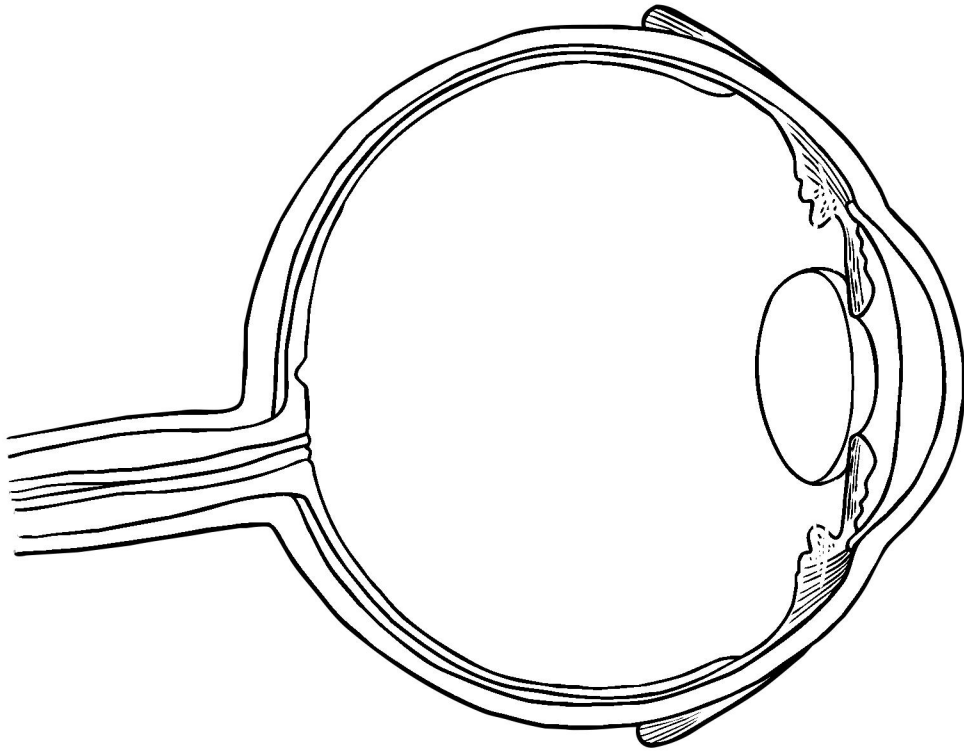
---

---

---



---



---

---

---

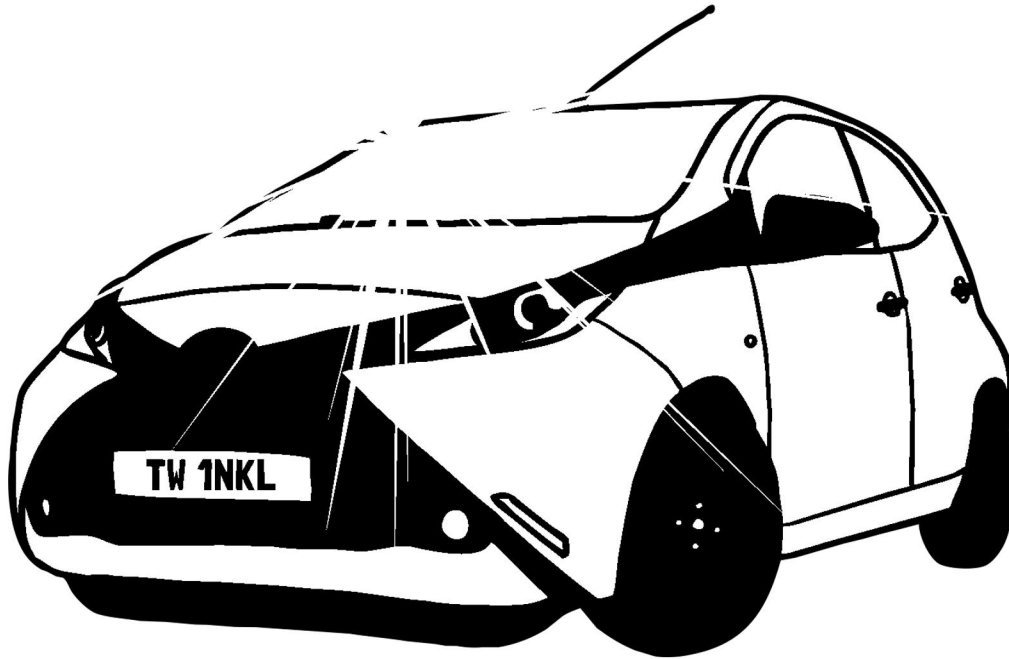
---

---





---



---

---

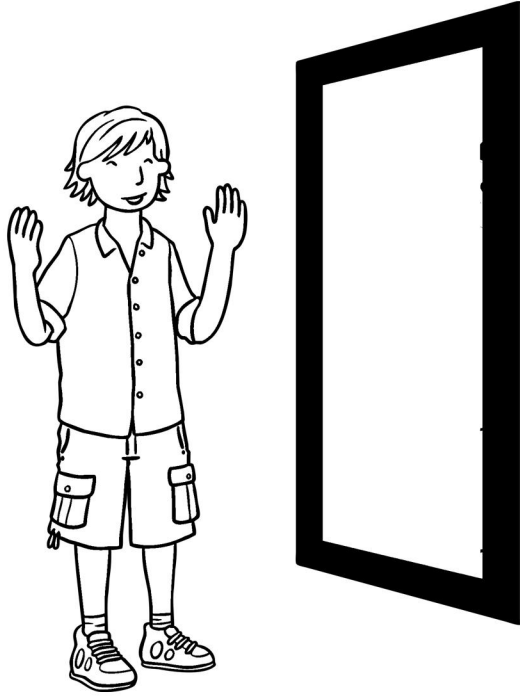
---

---

---



---



---

---

---

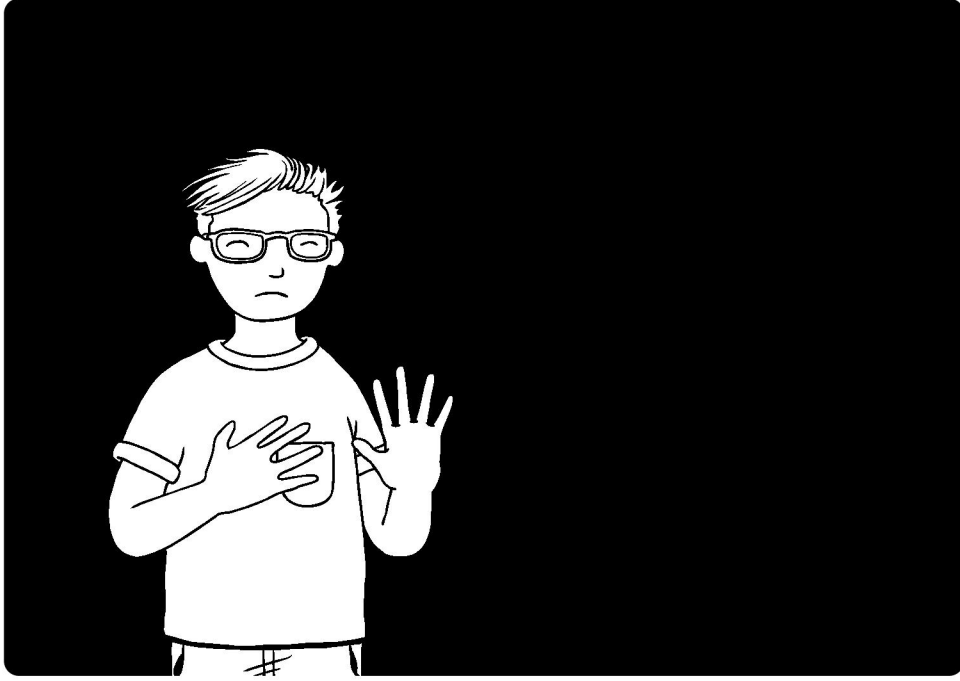
---

---





---



---

---

---

---

---



---



---

---

---

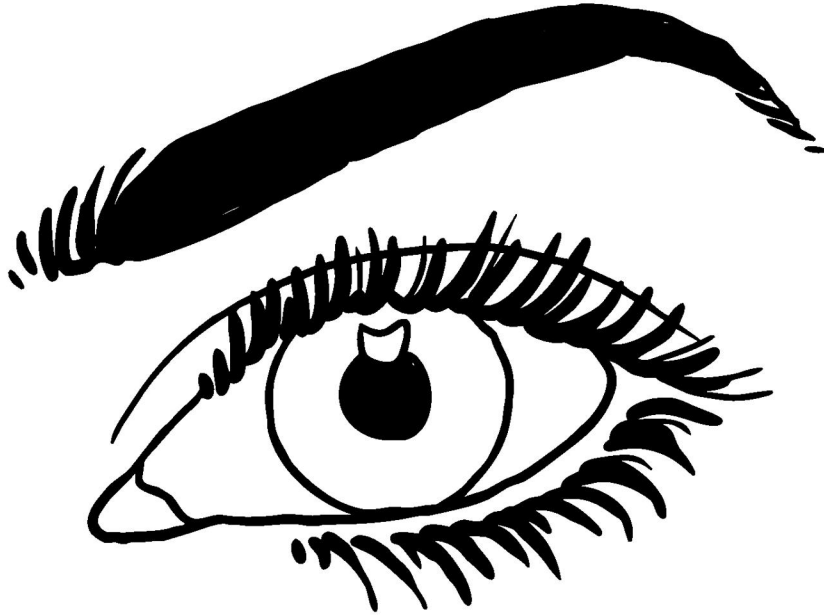
---

---





---



---

---

---

---

---



---



---

---

---

---

---























