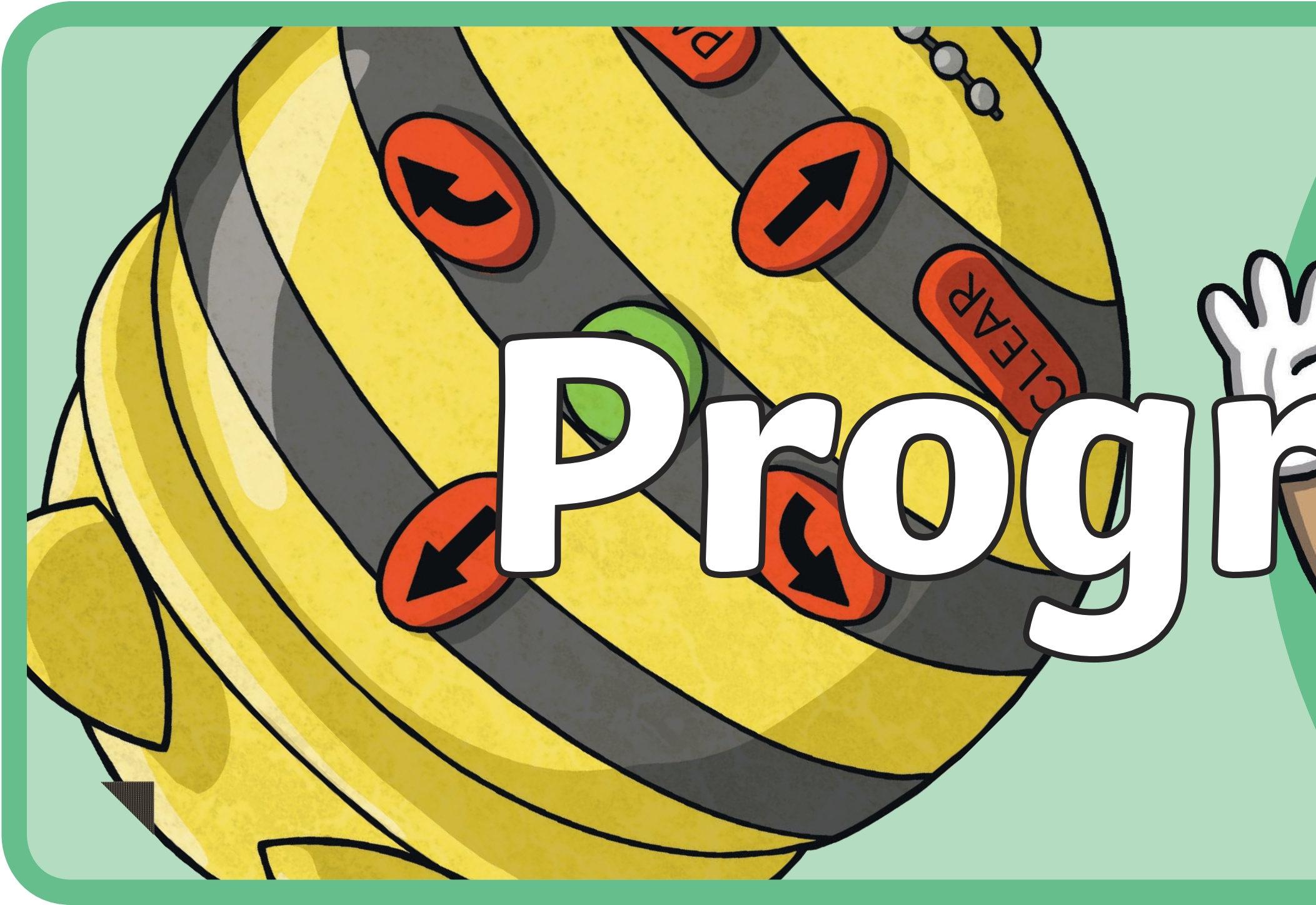


Prog



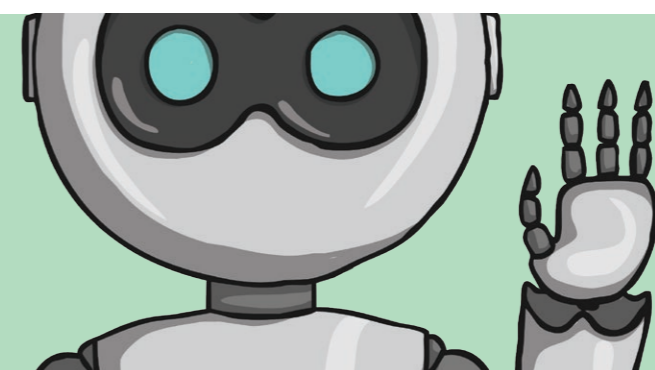
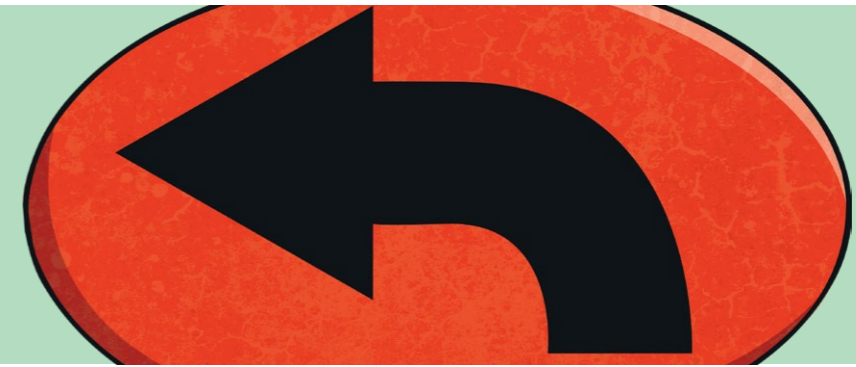


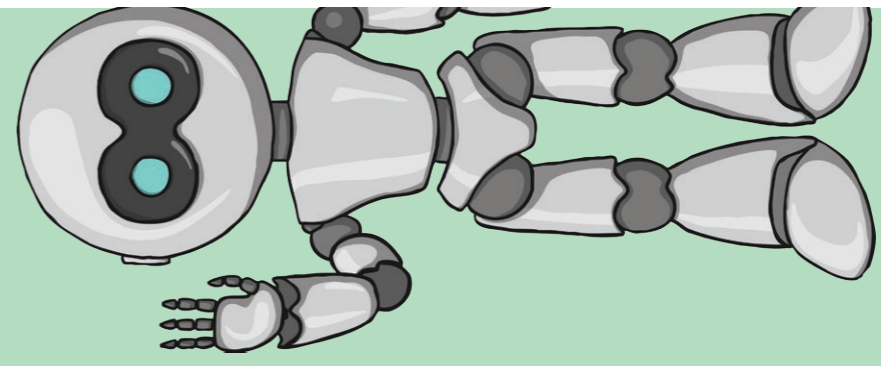
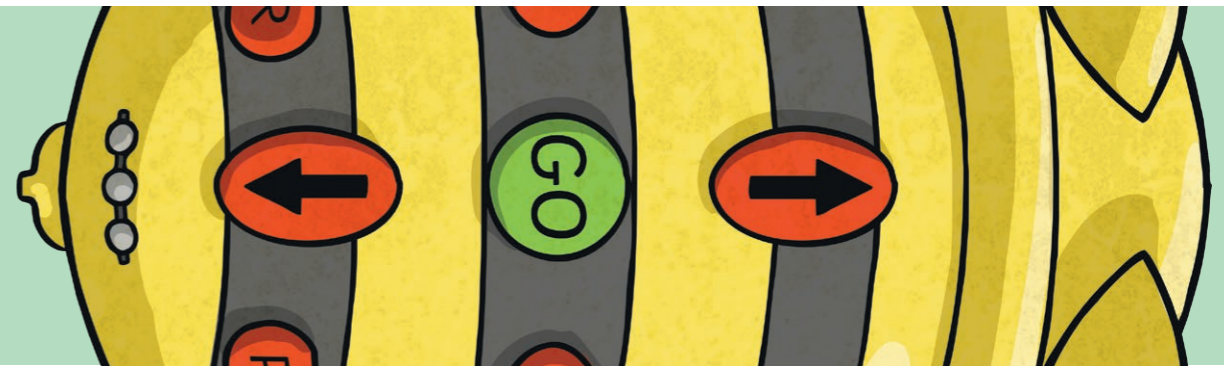
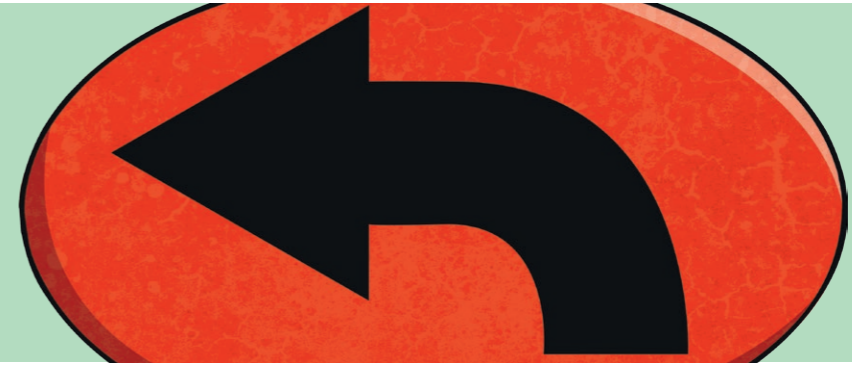
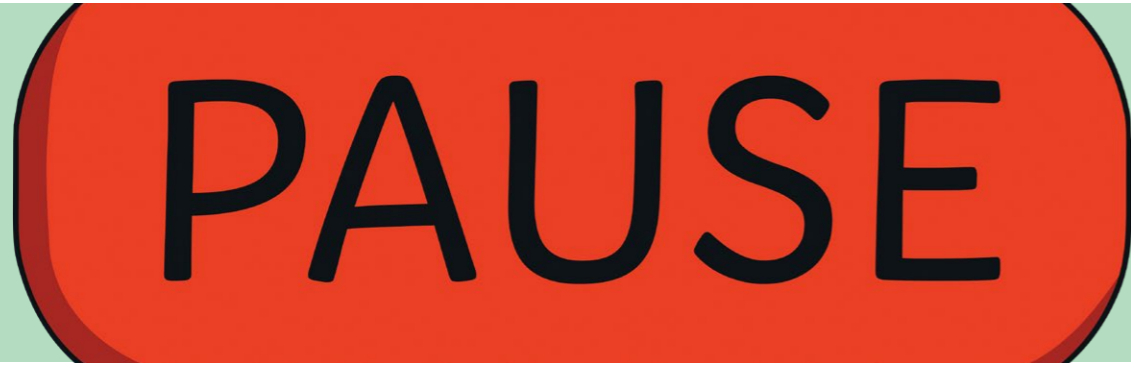






Toys



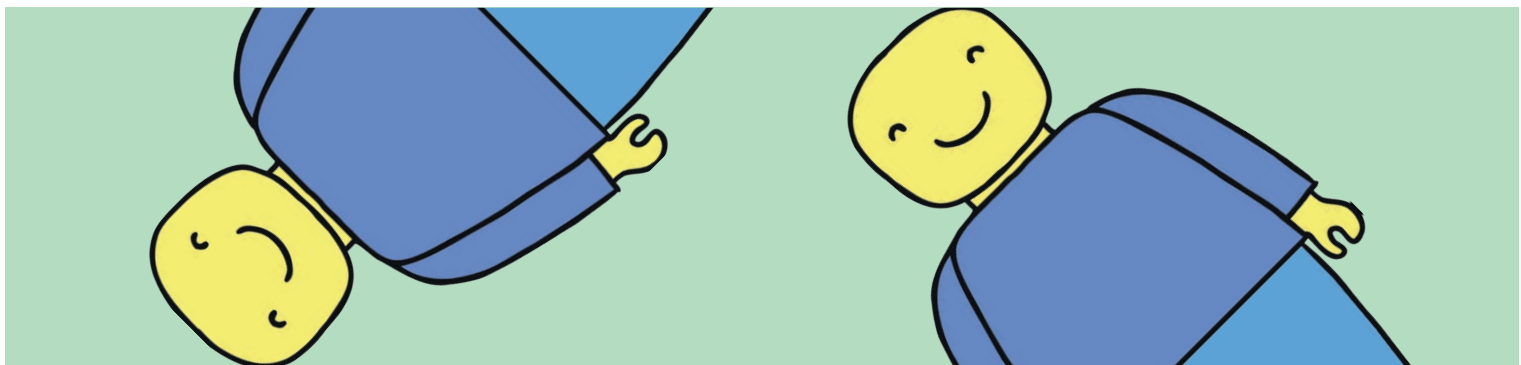
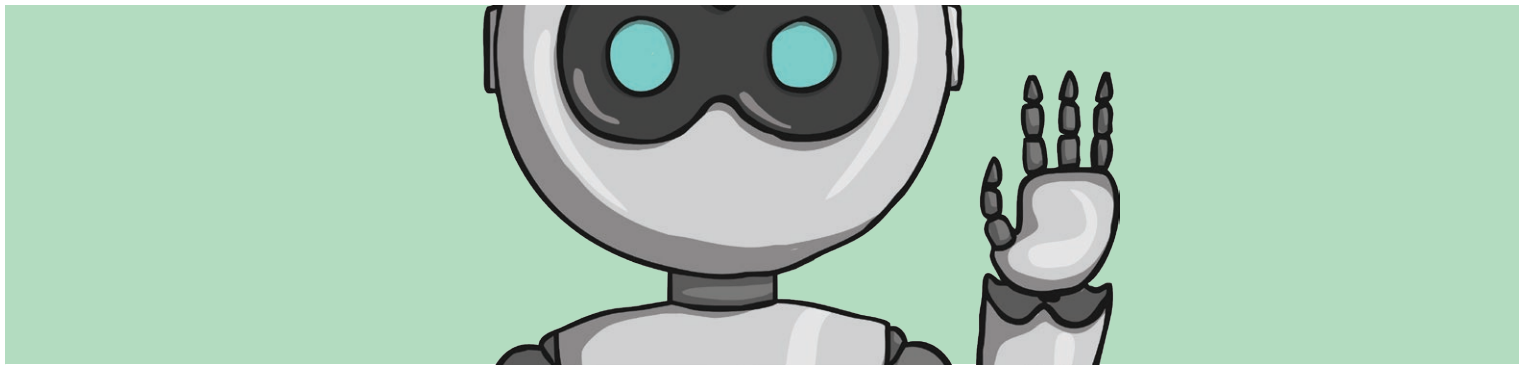
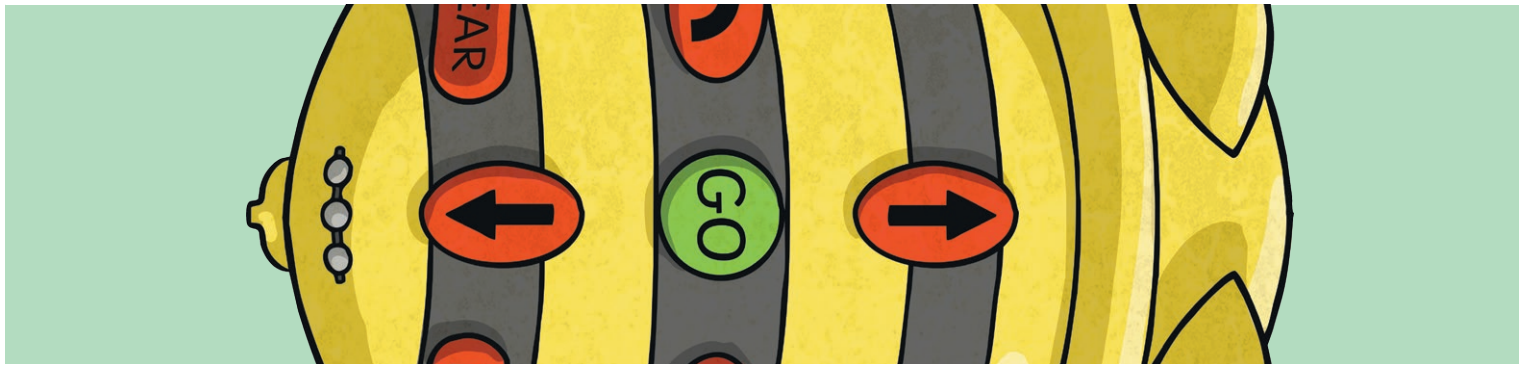


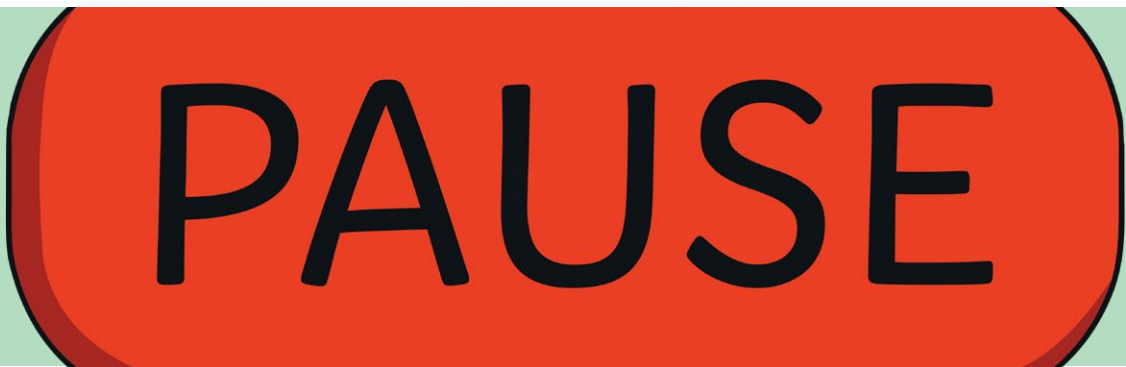
GO

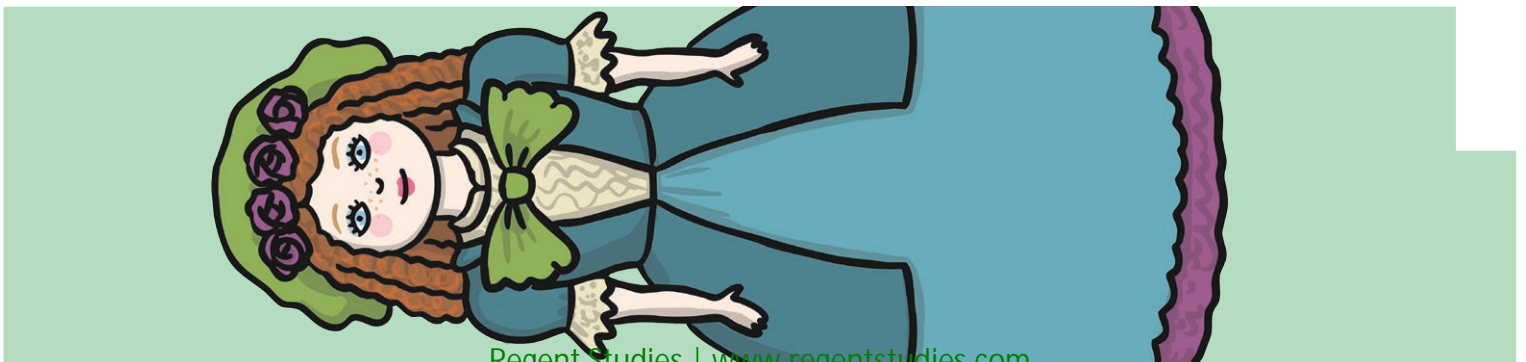
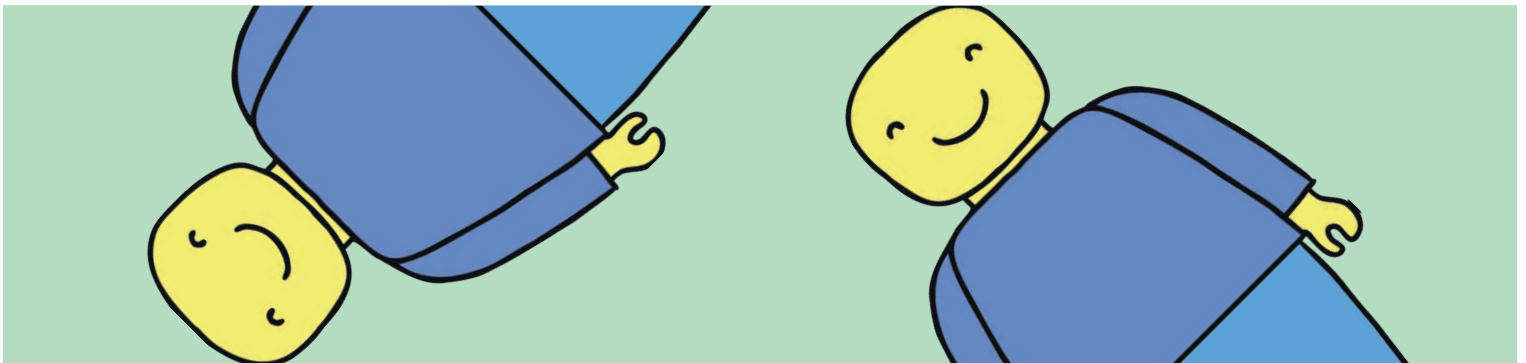
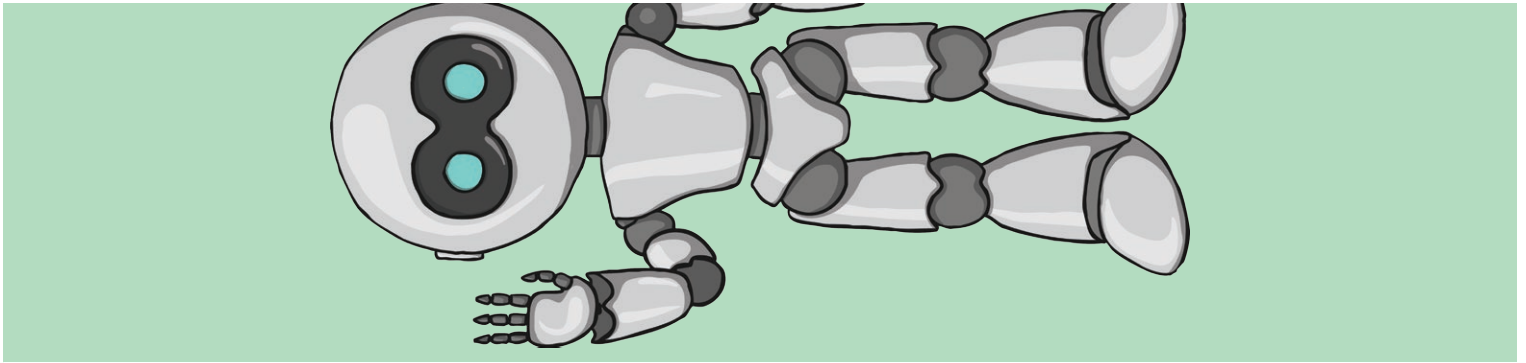
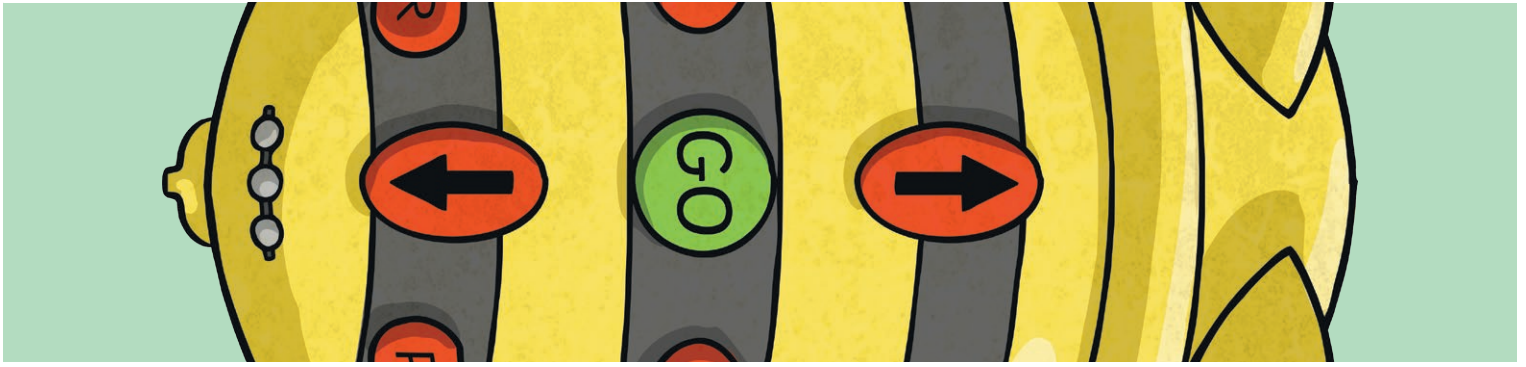
CLEAR

PAUSE

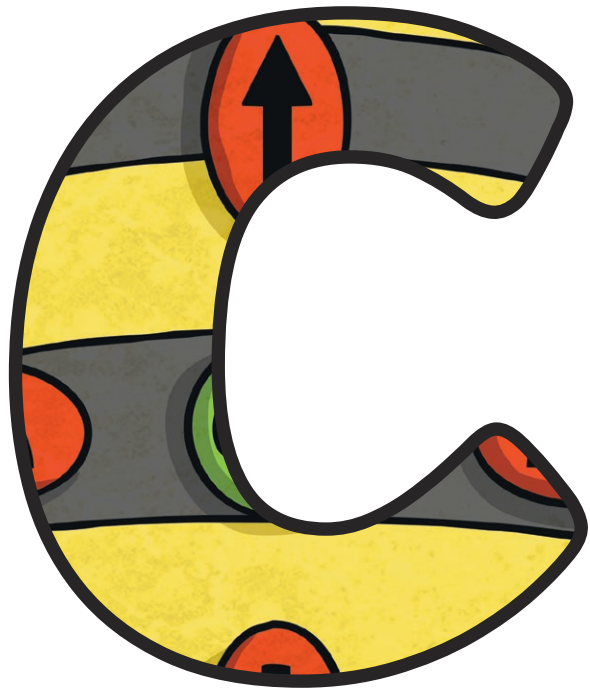


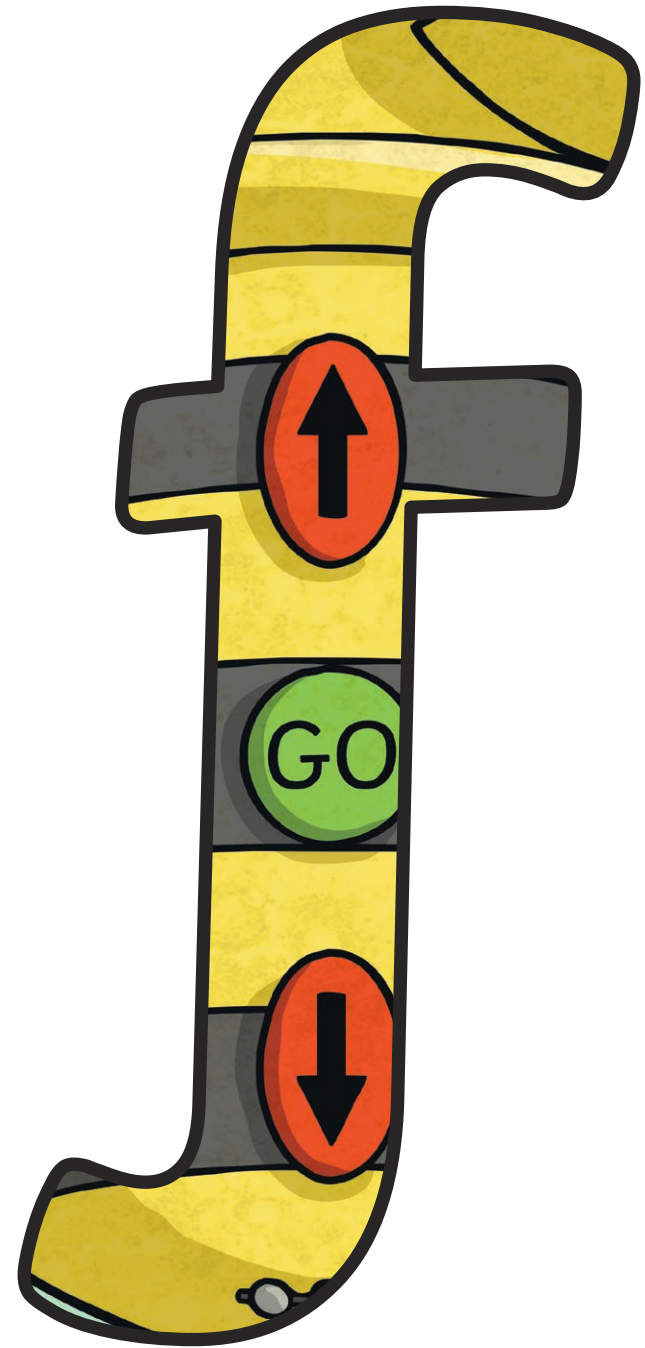
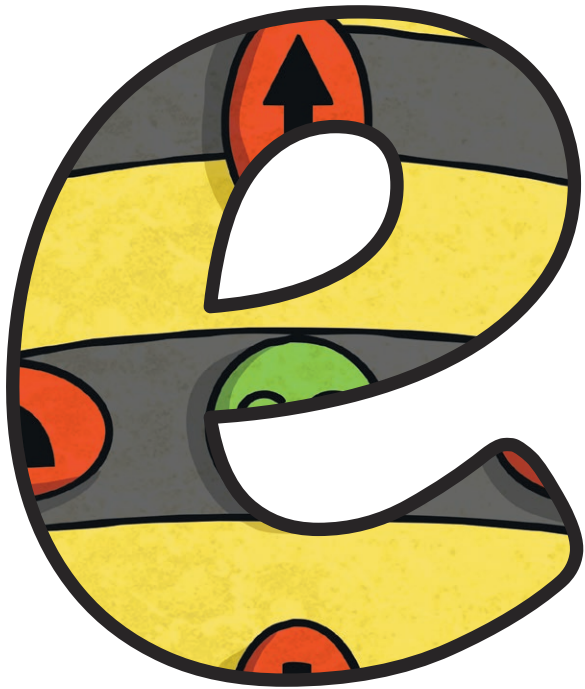




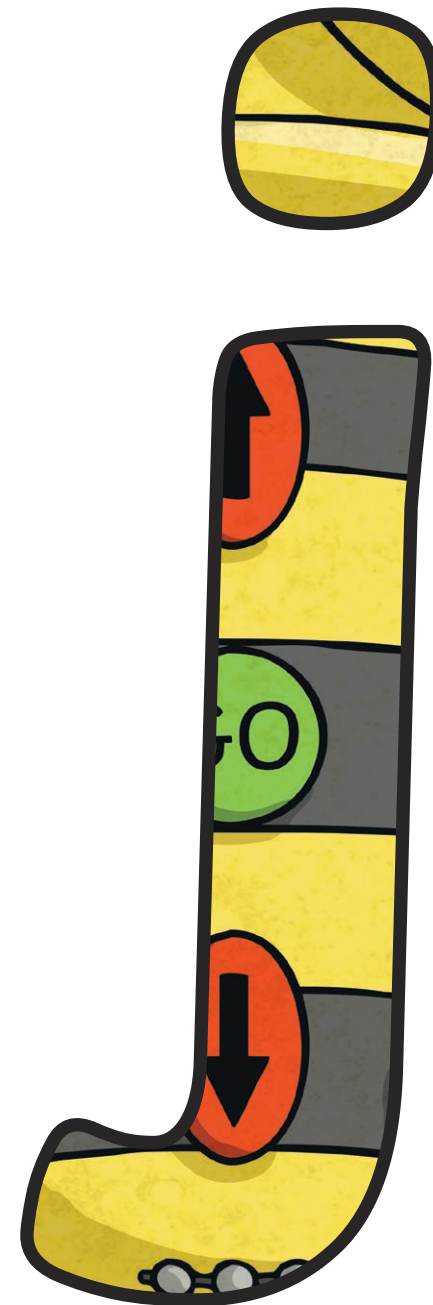




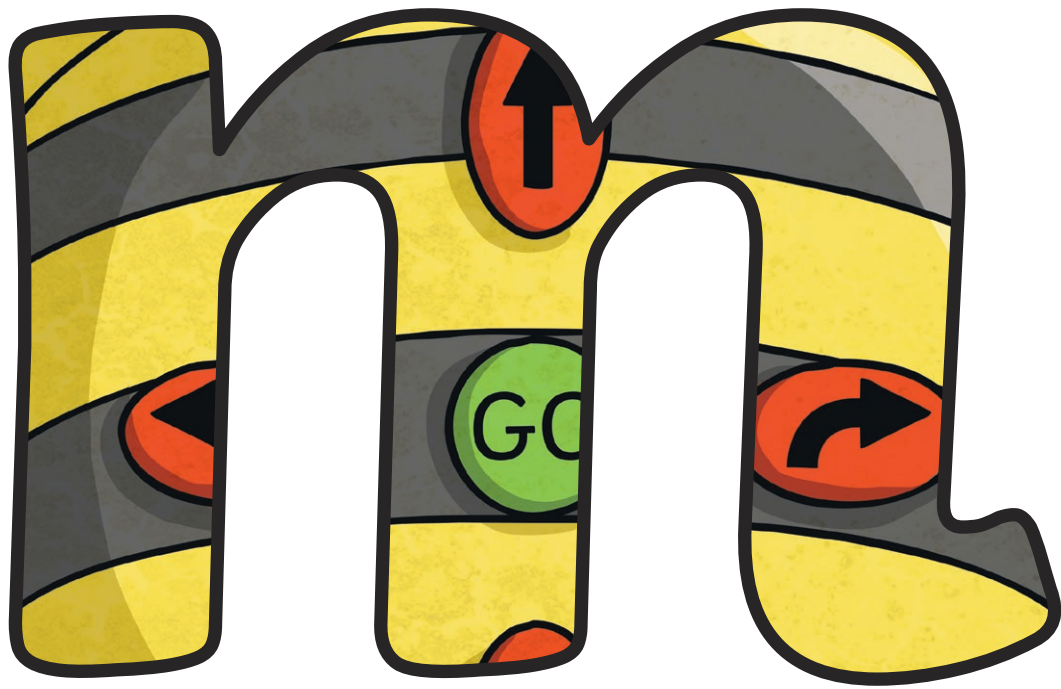


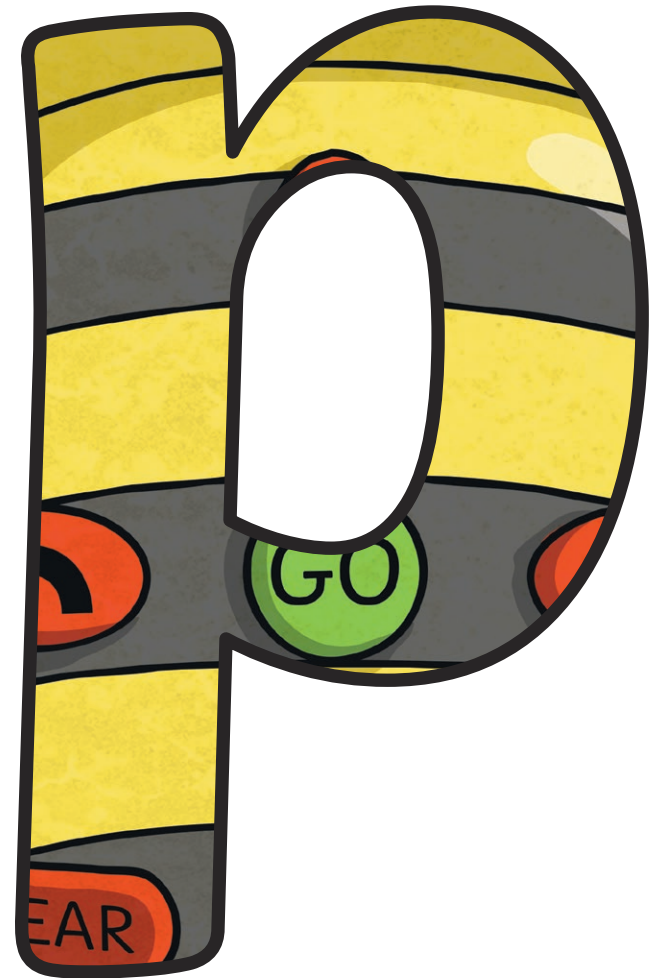


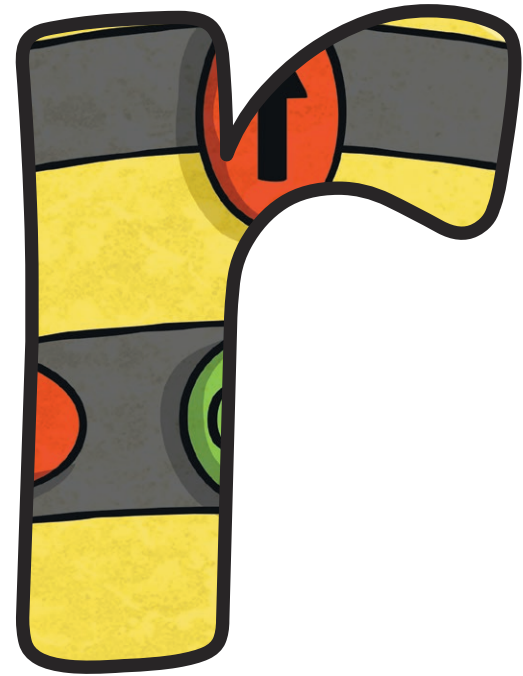




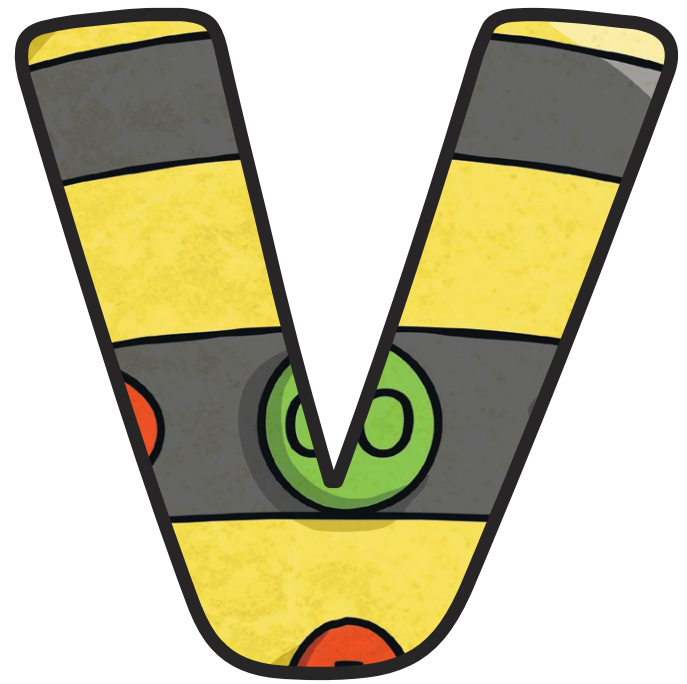




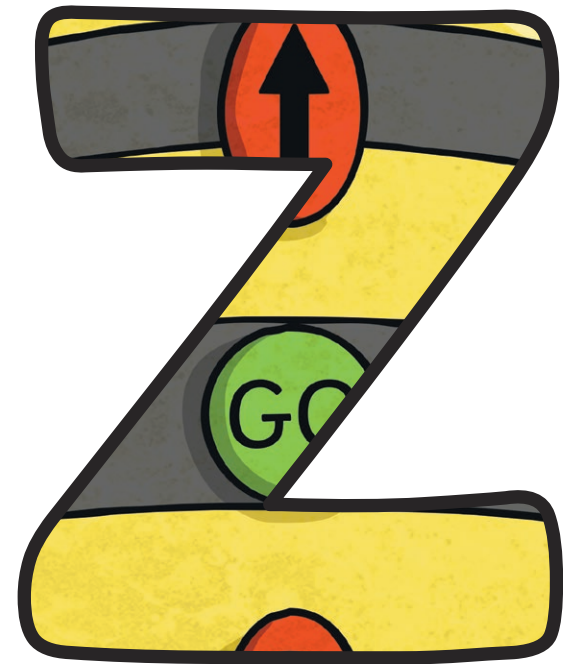


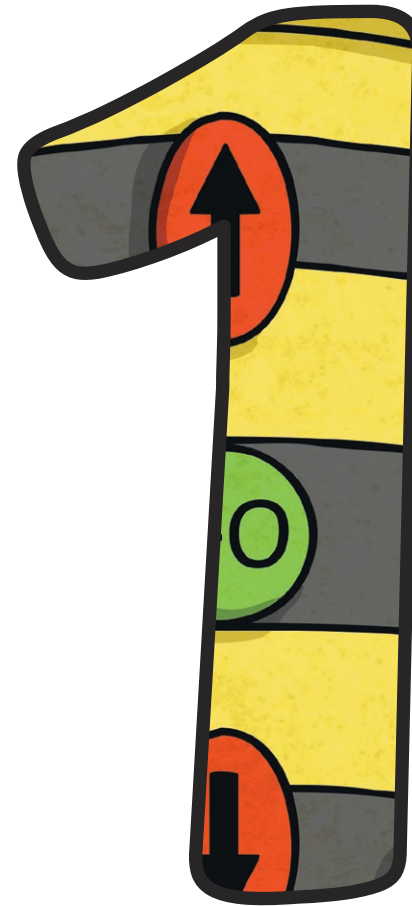




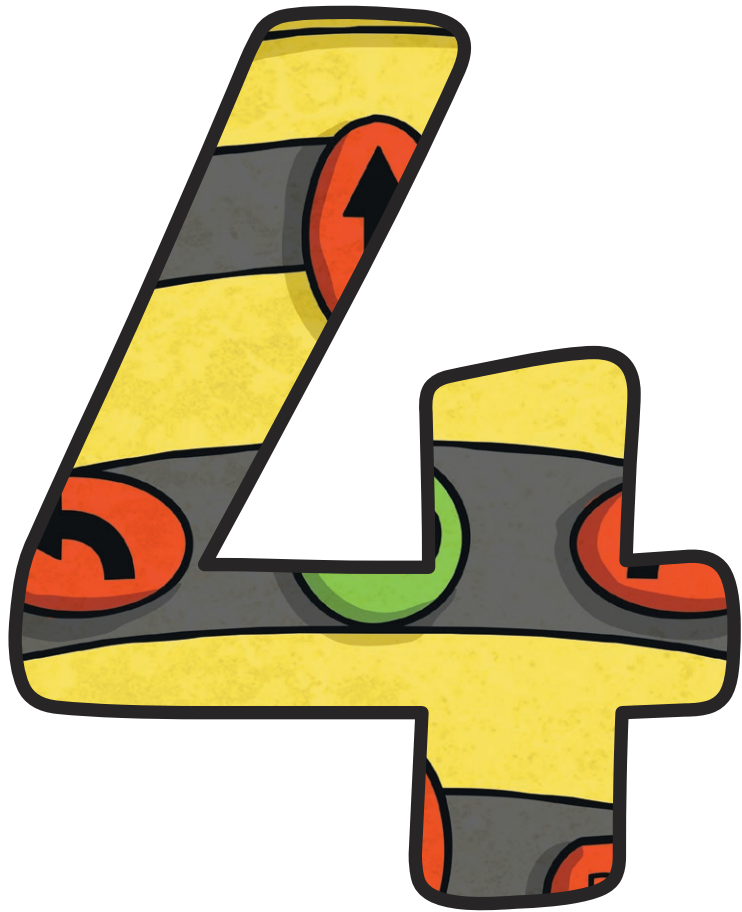






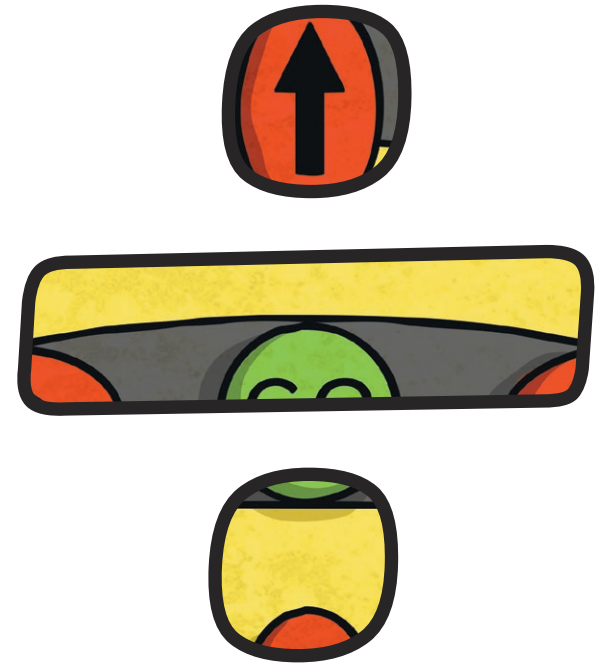
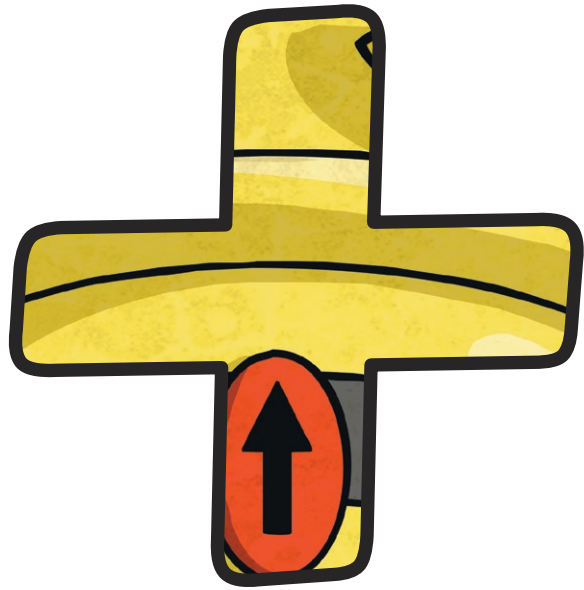




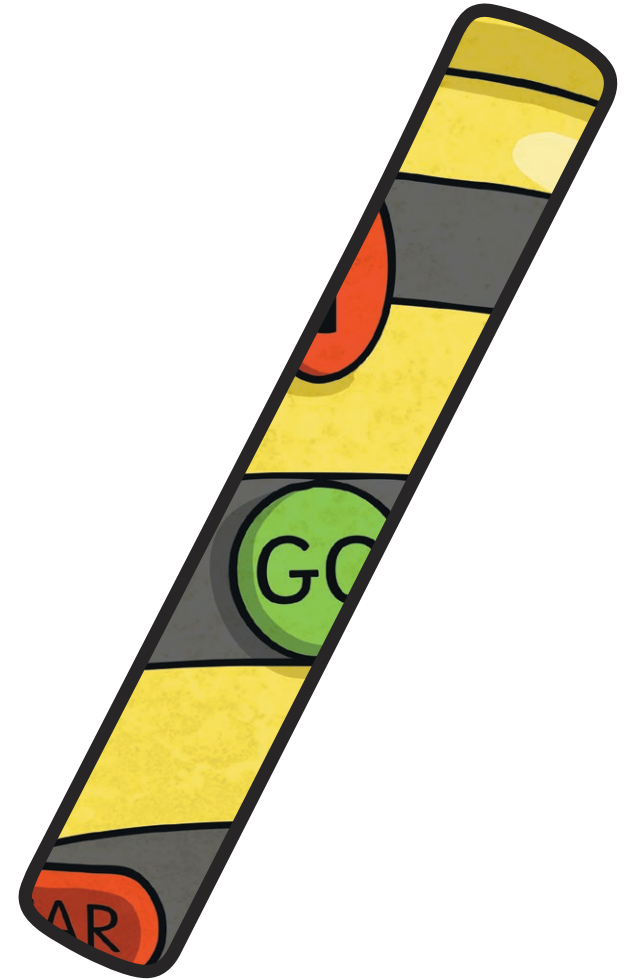
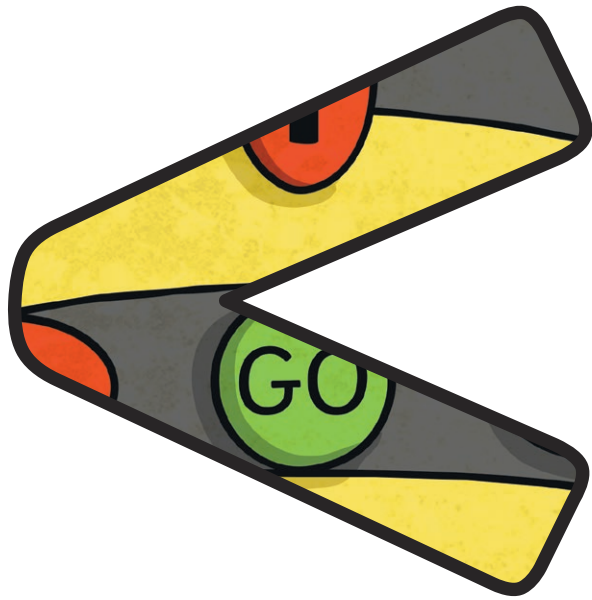
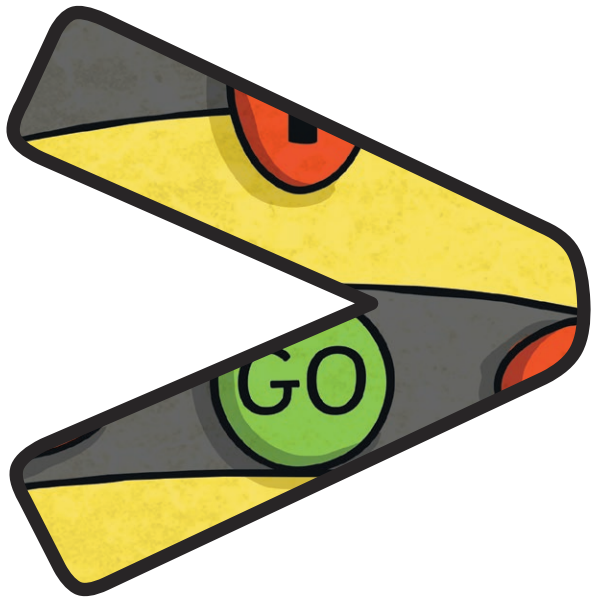


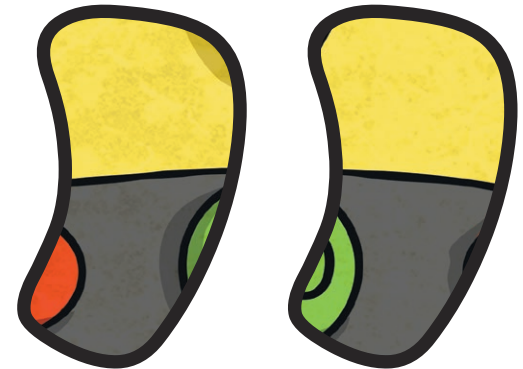
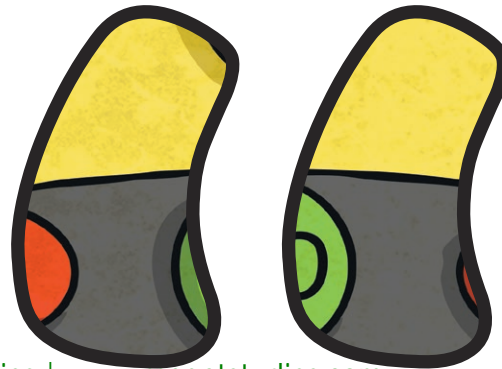
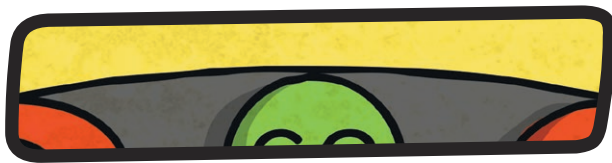
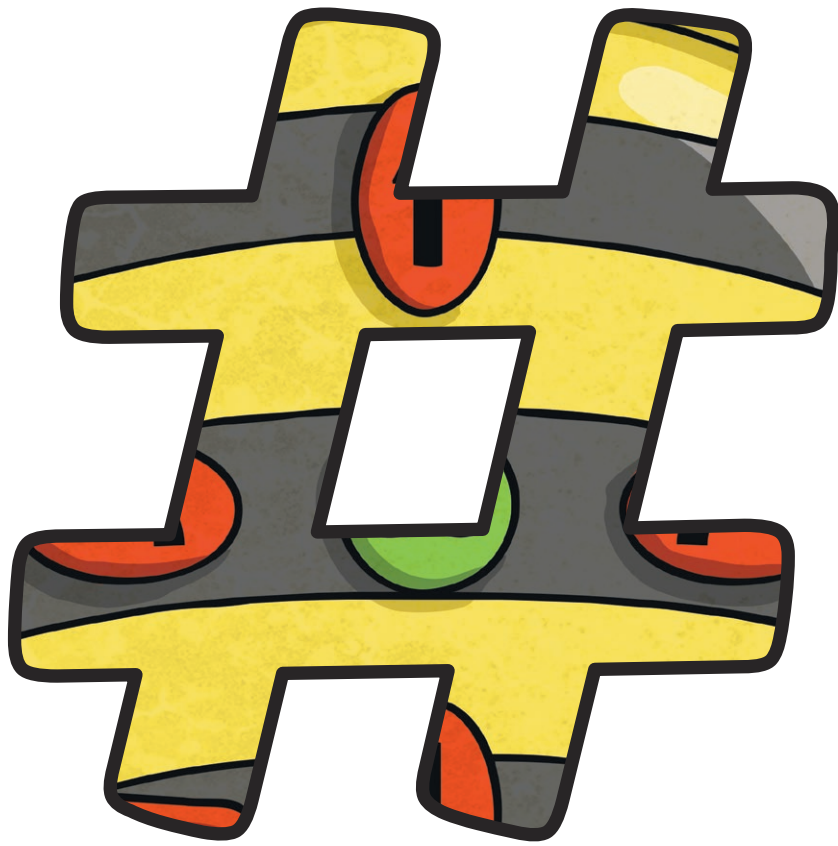


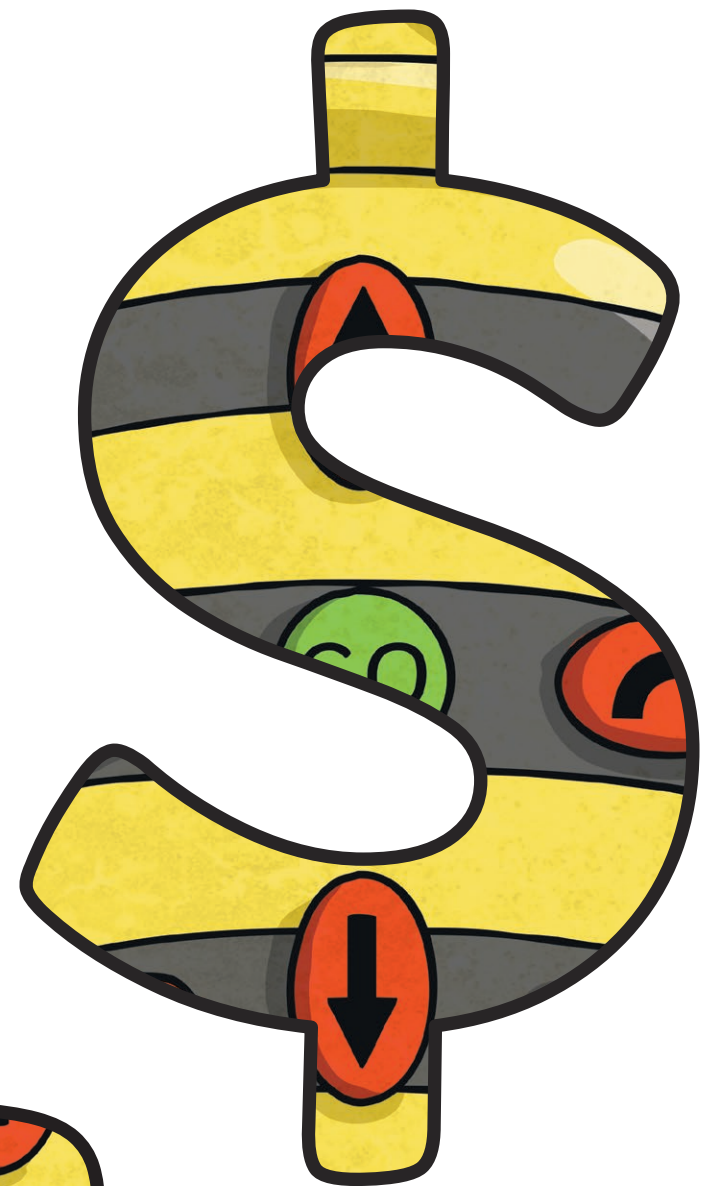


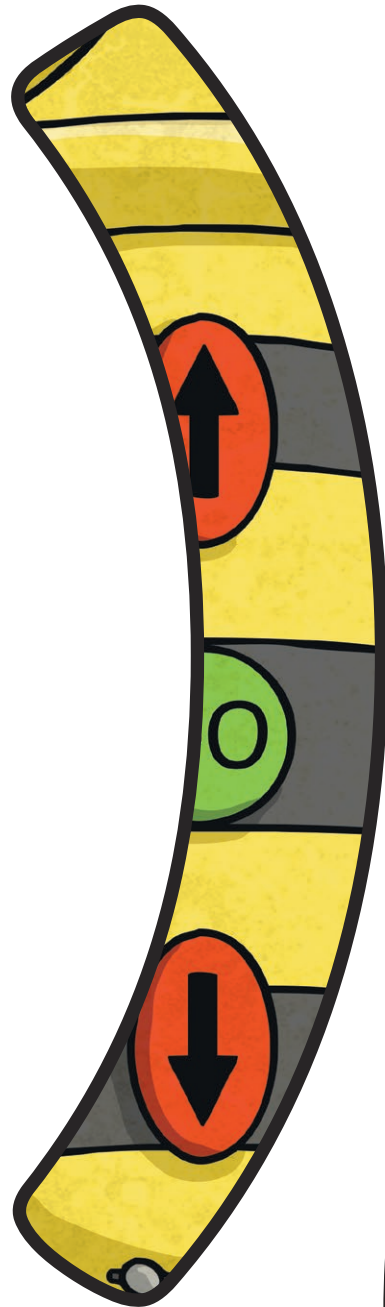
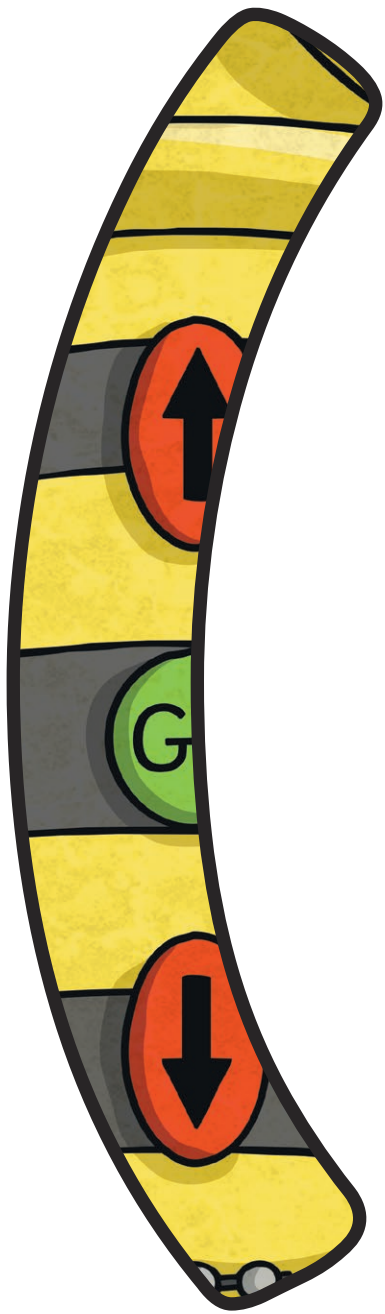


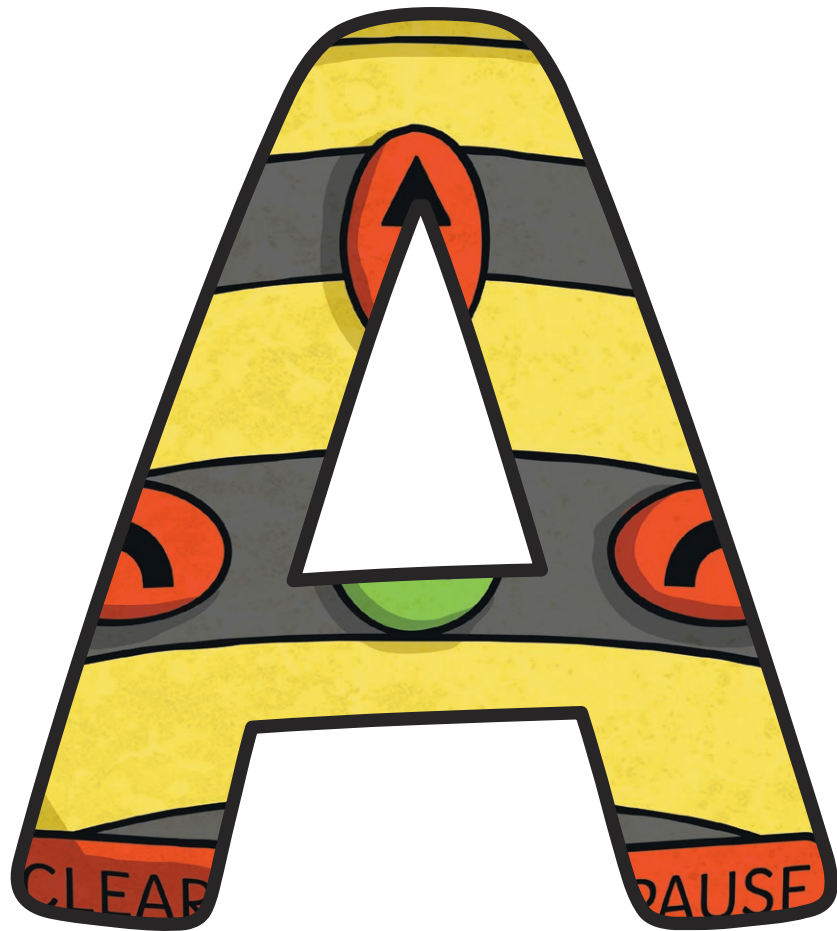


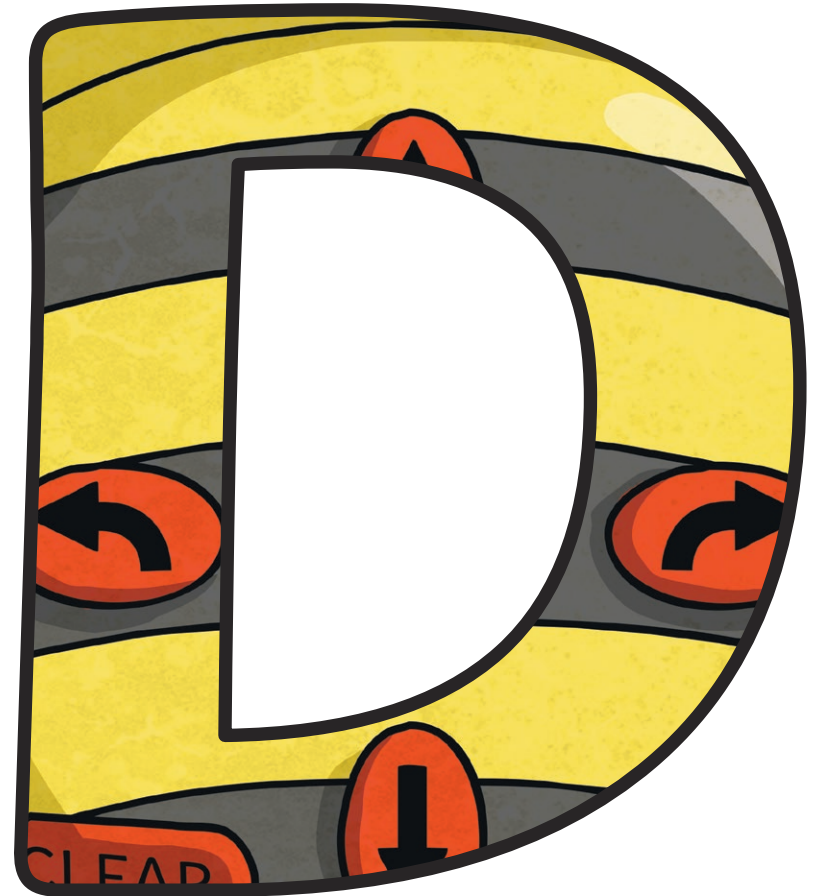
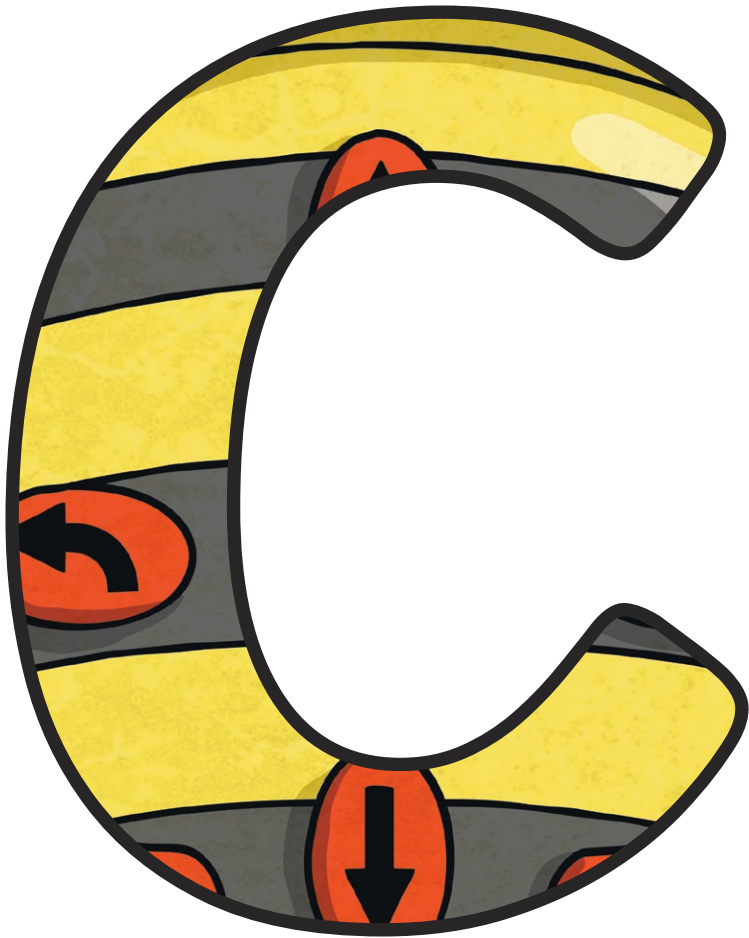


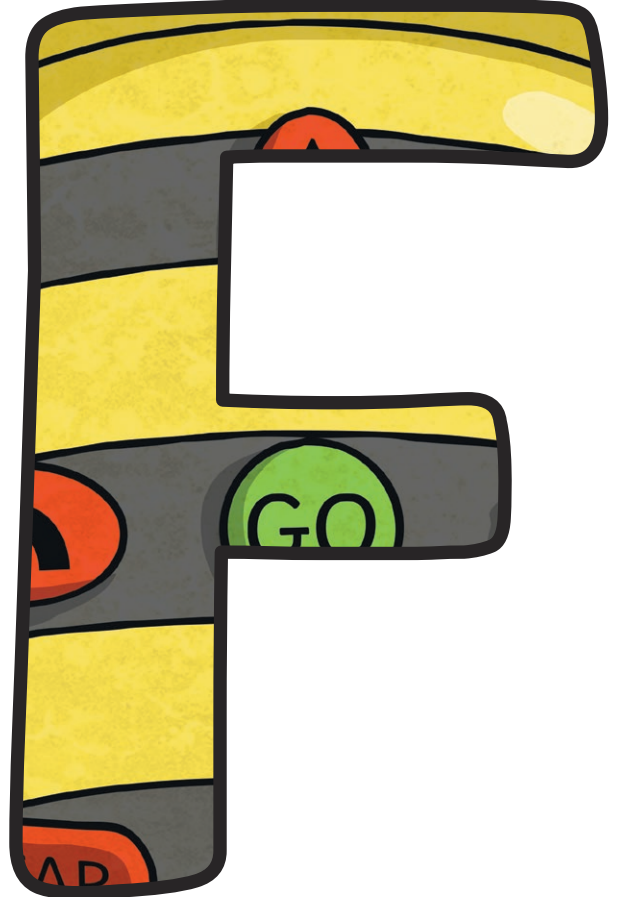
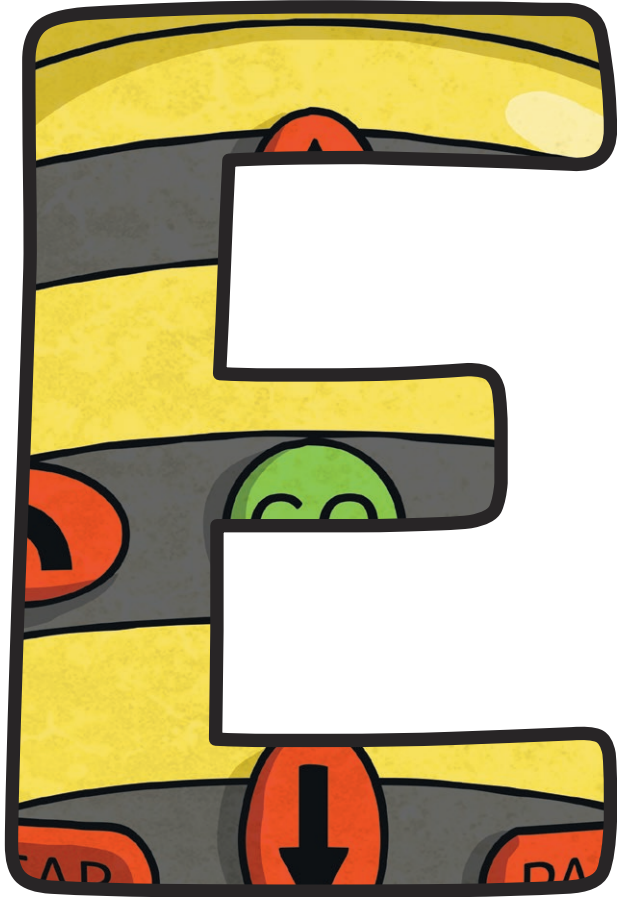


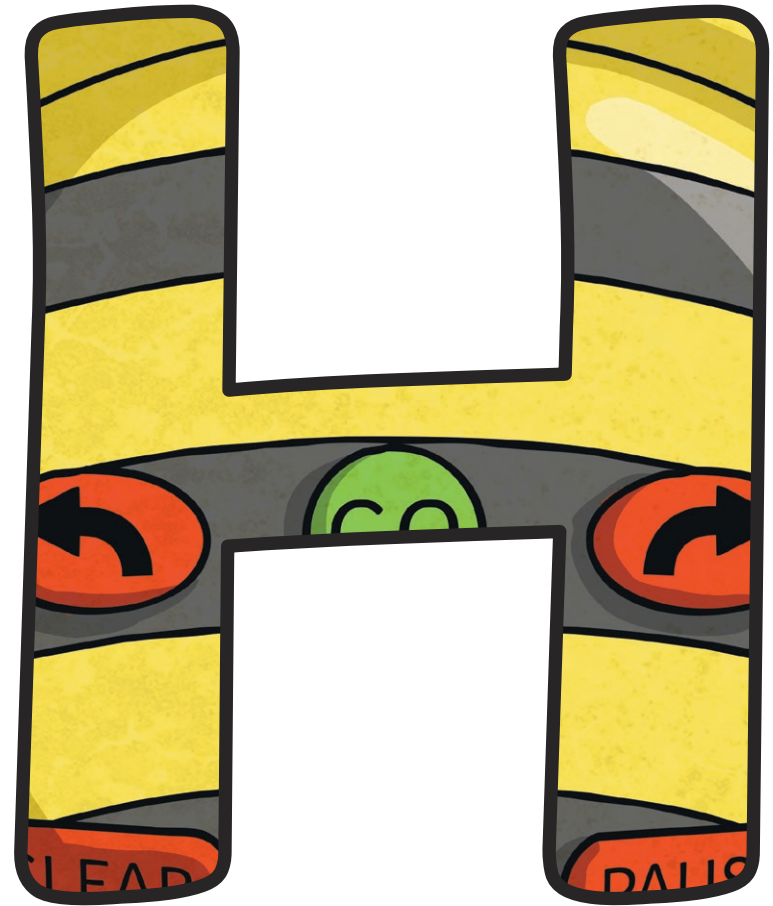


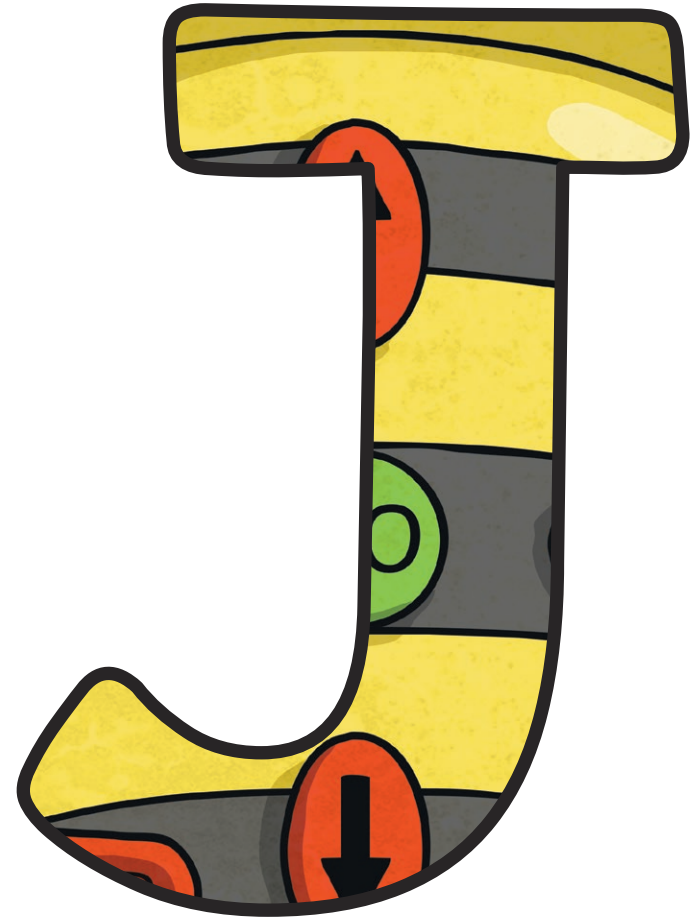
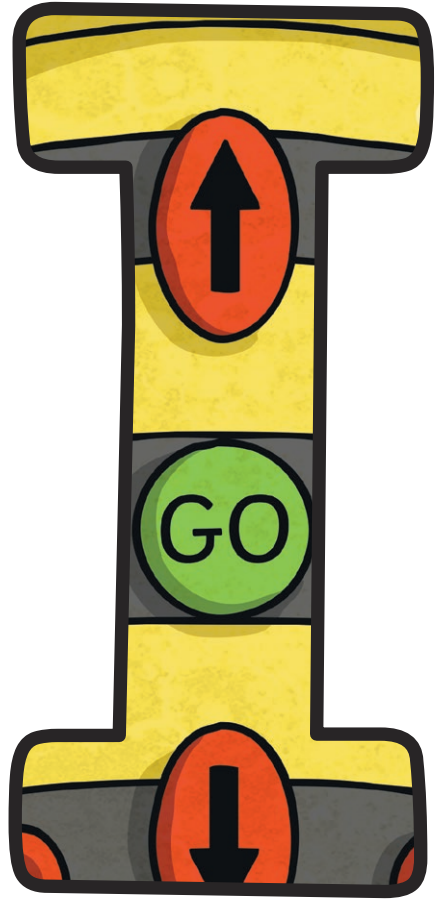


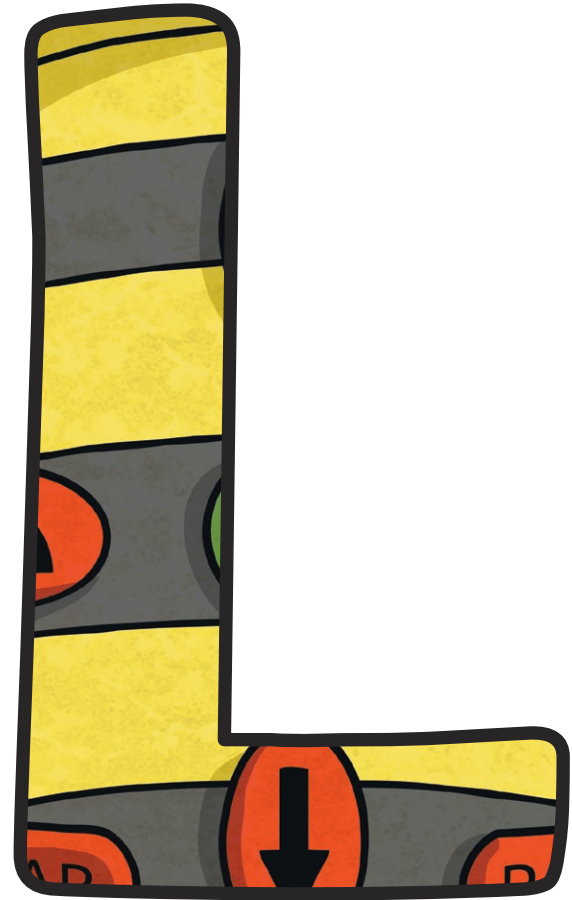
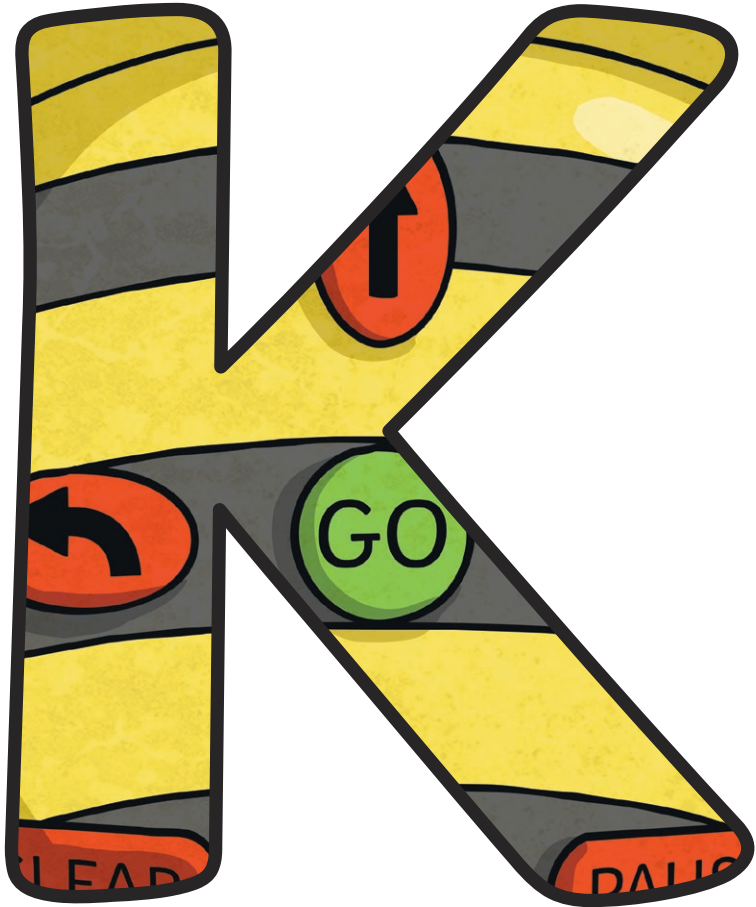


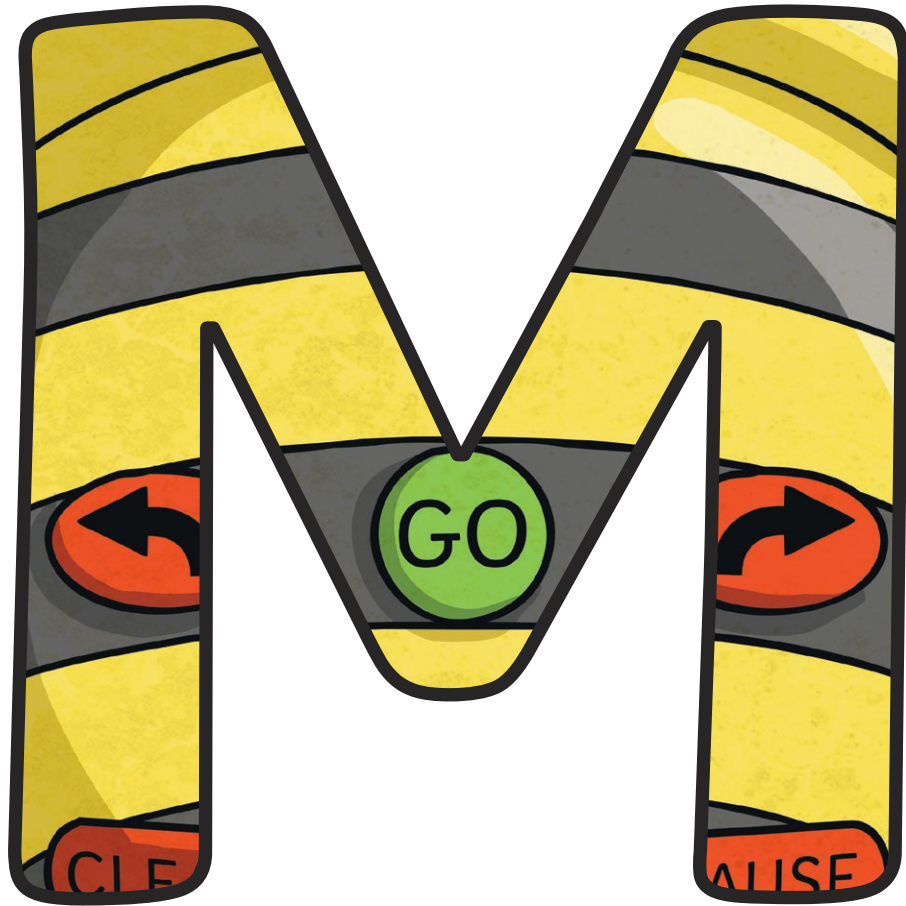




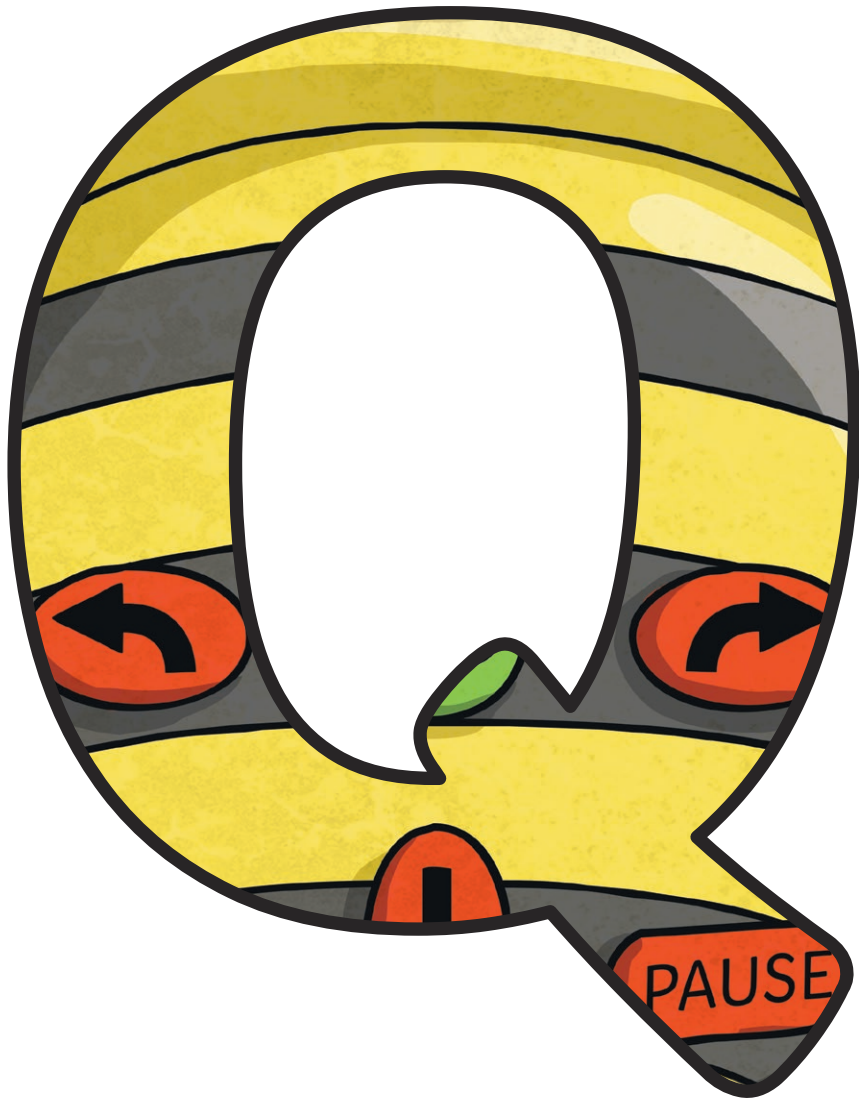


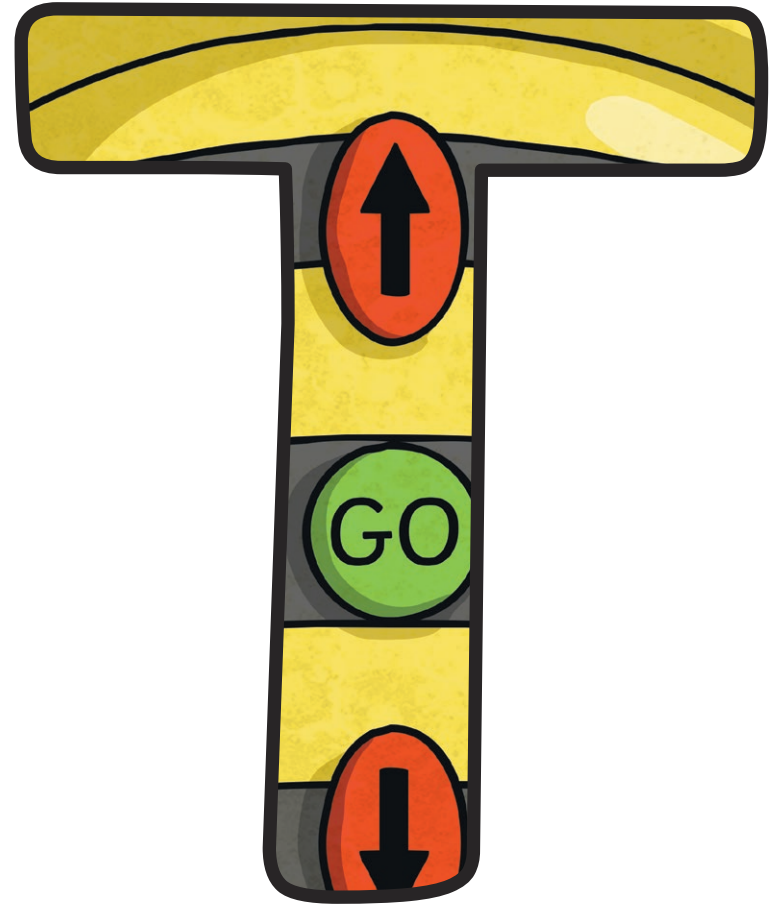




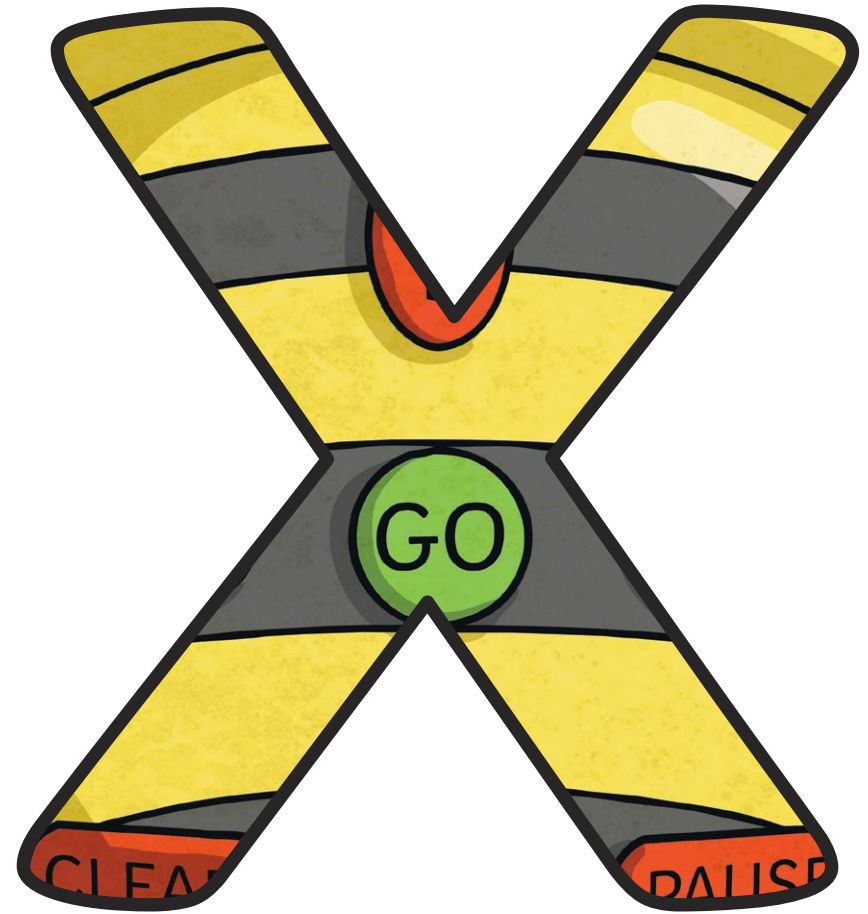
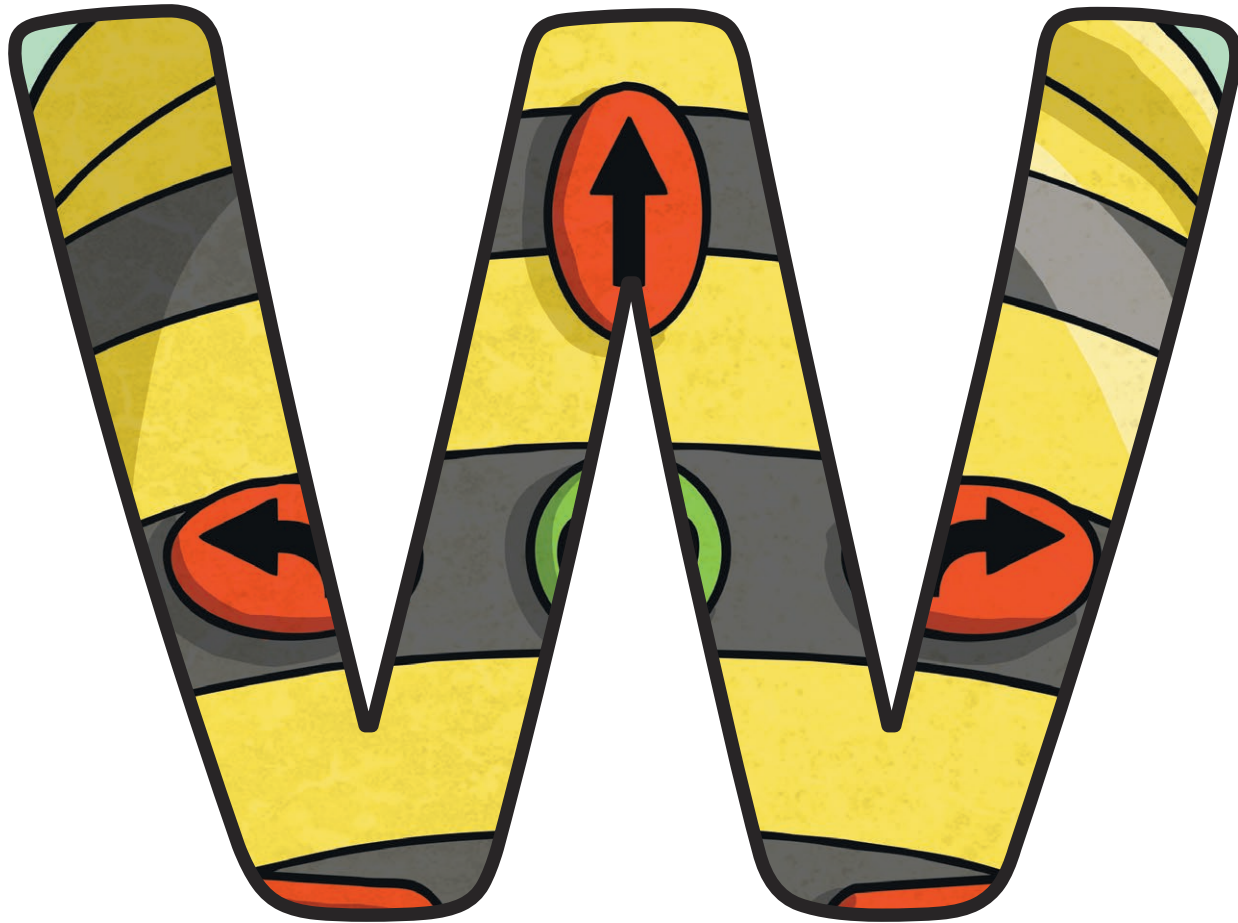


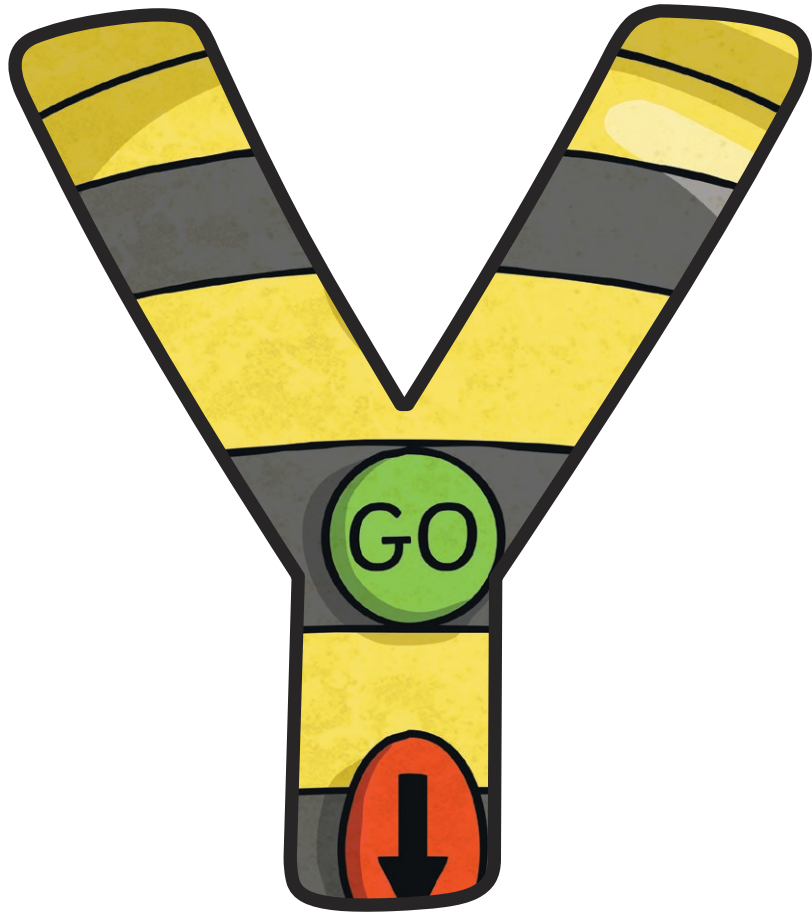












algorithm

CLEAR



PAUSE

GO

code

0110110101010101

0110101101010101

0101011011100101

0110110101010101

0011010111010101

0110101101010101

0110101101010101

0011010111010101

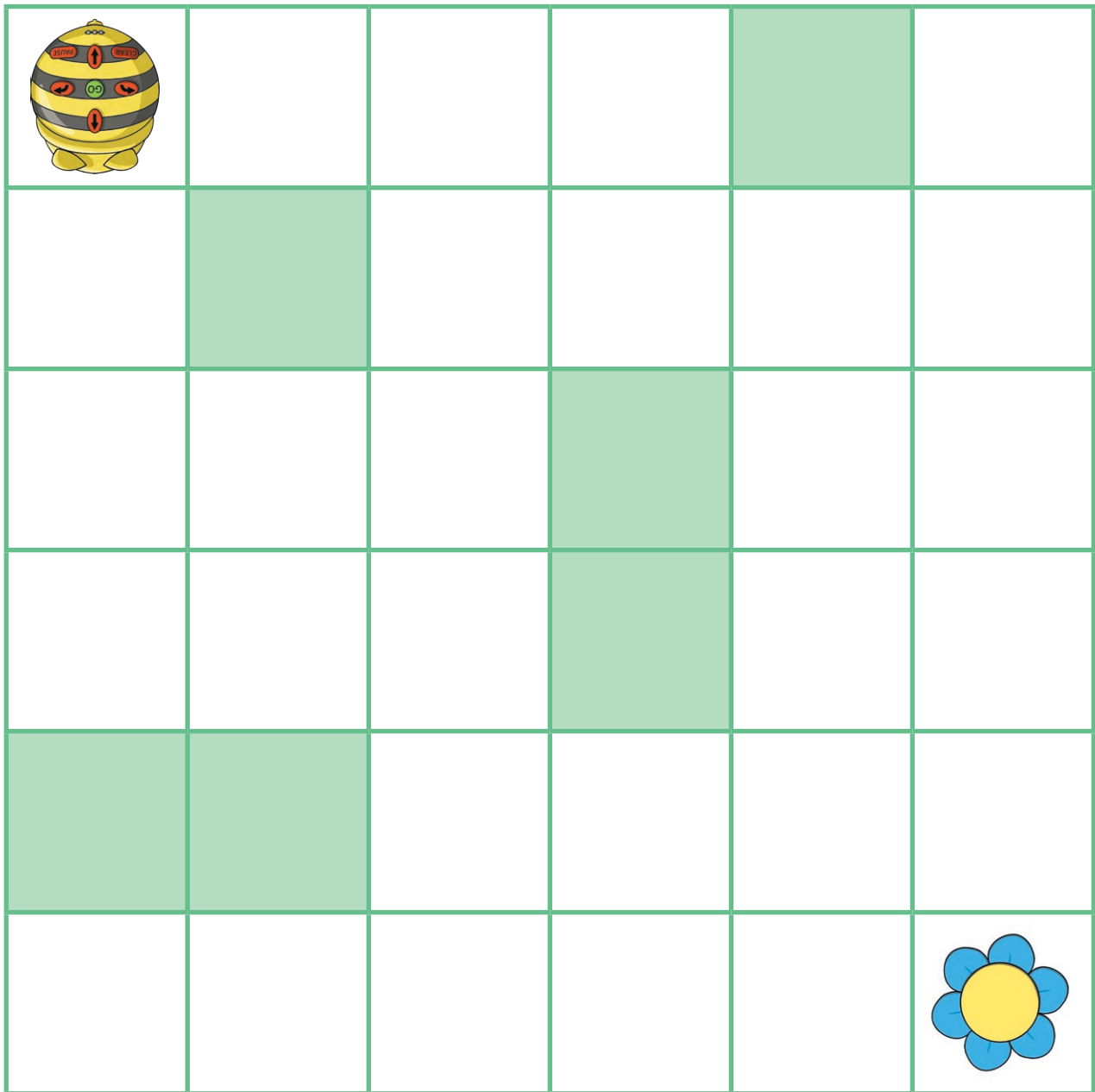
0110101101010101

0110110101010101

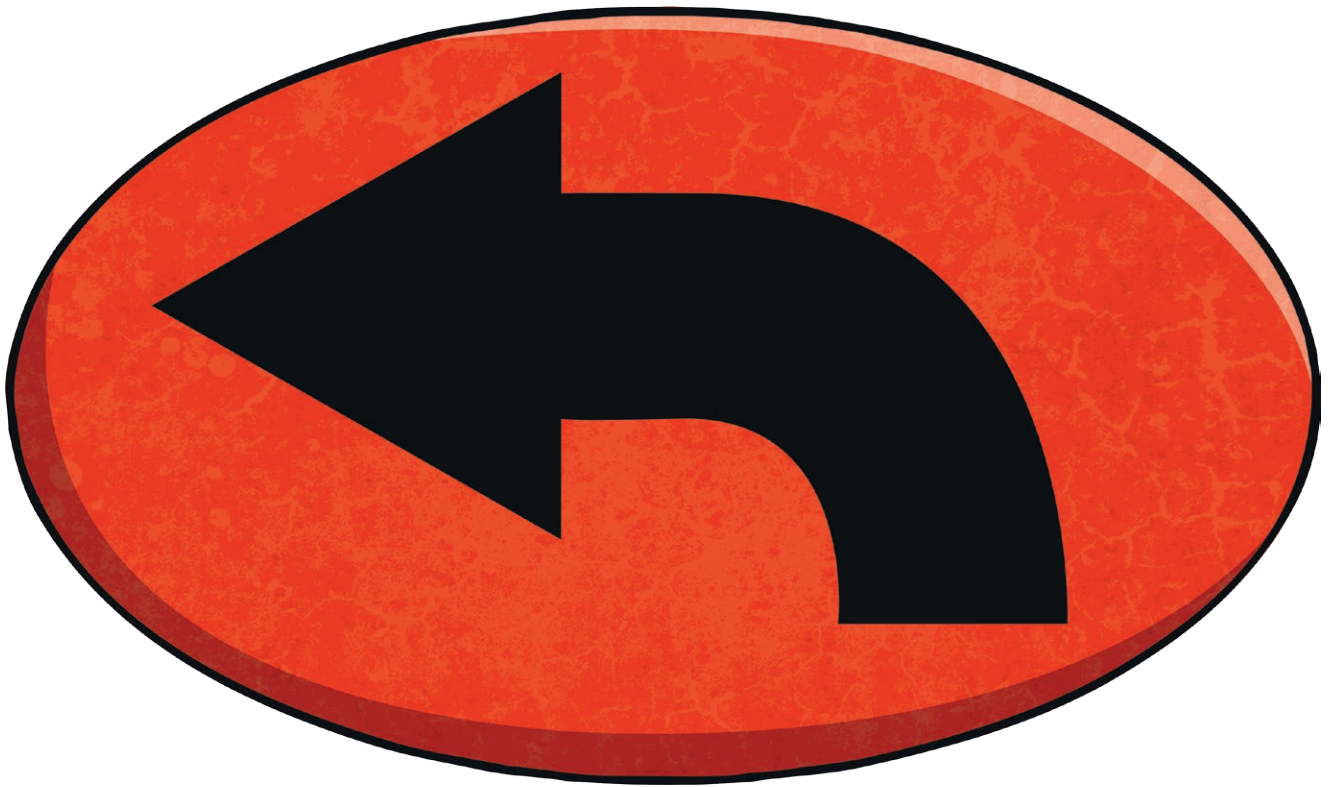


Instructions

Get the Bee-Bot to the flower.

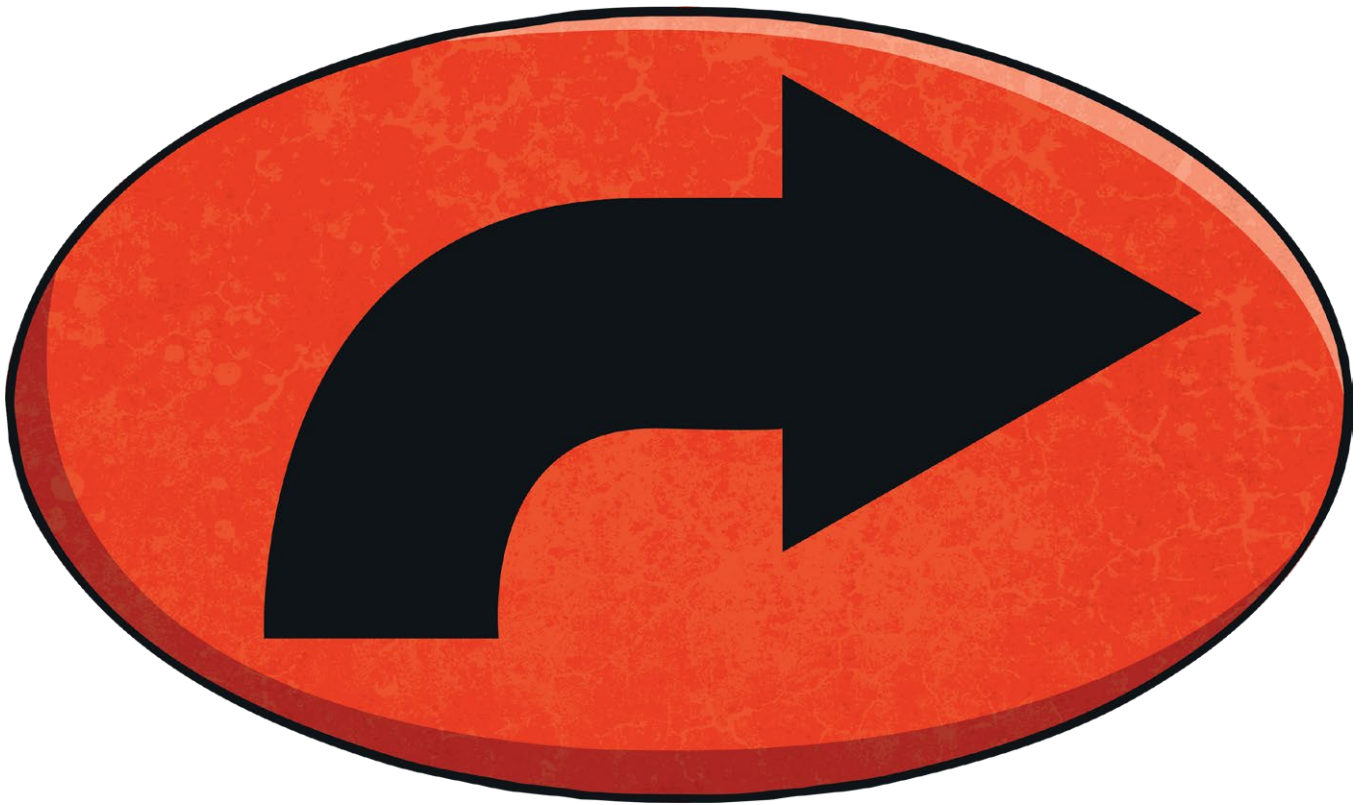


left



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right



visit [twinkl.com](https://www.twinkl.com)

forward



visit [twinkl.com](https://www.twinkl.com)

backward



visit [twinkl.com](https://www.twinkl.com)

pause

PAUSE



visit [twinkl.com](https://www.twinkl.com)

clear

CLEAR



visit [twinkl.com](https://www.twinkl.com)

go

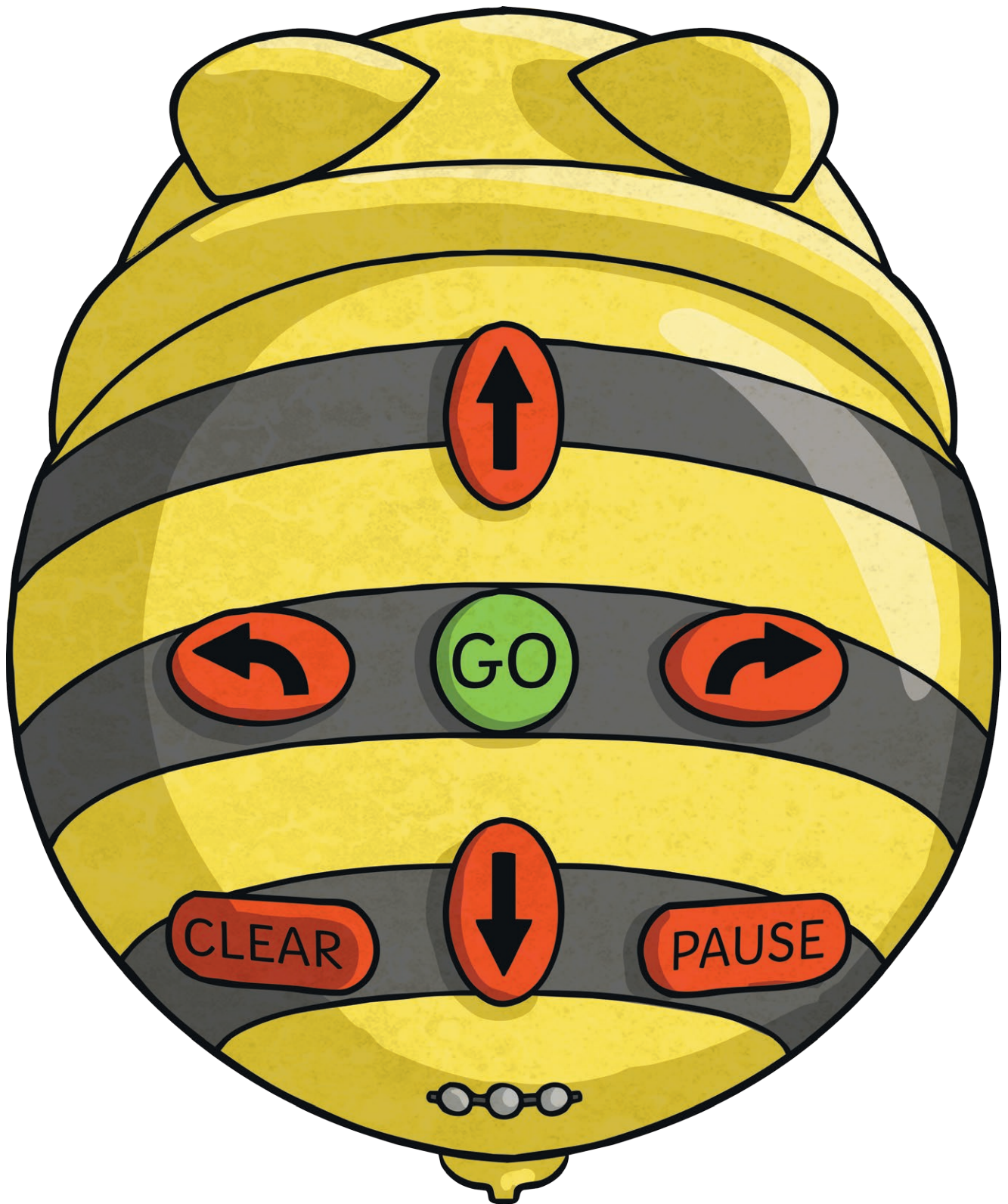


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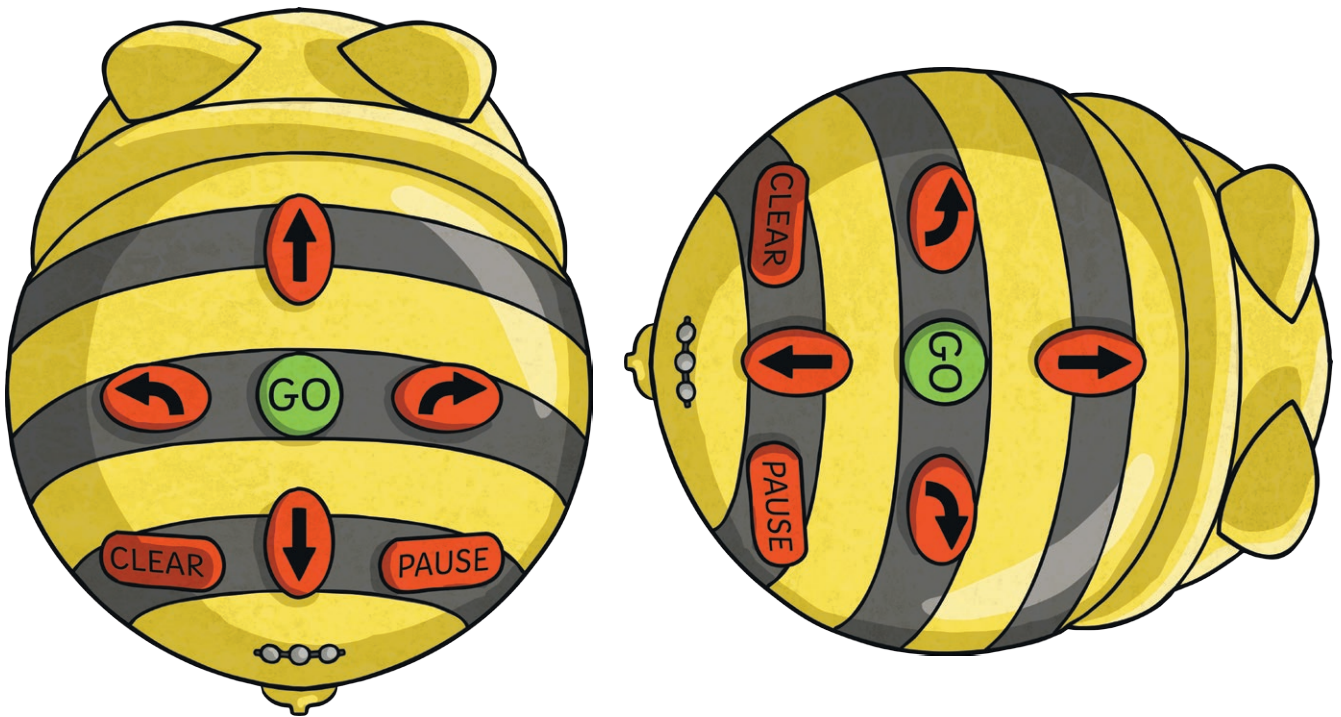
program



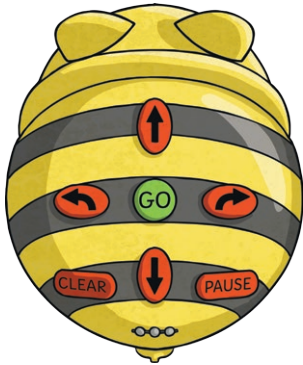
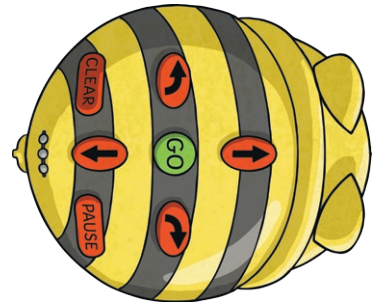
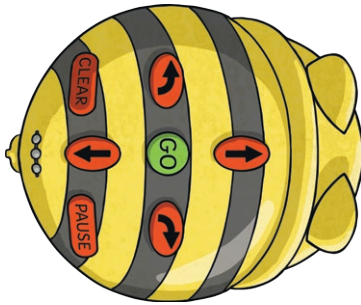
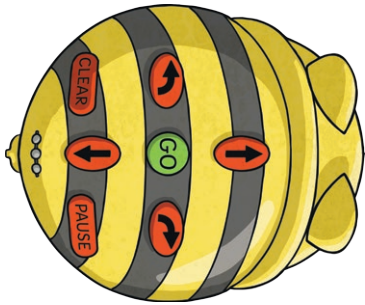
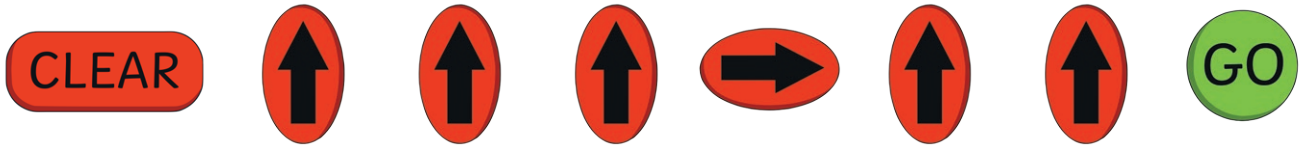
Bee-Bot



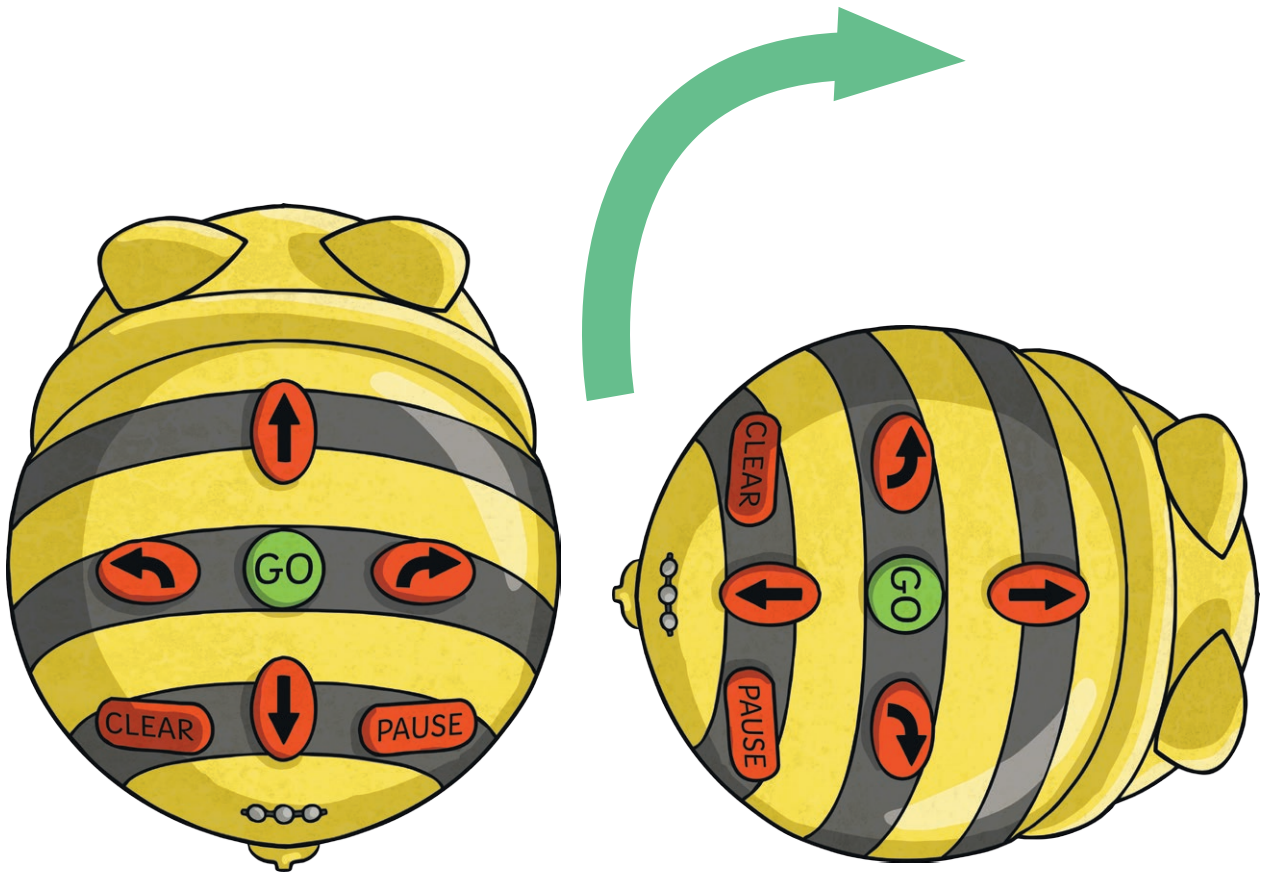
turn



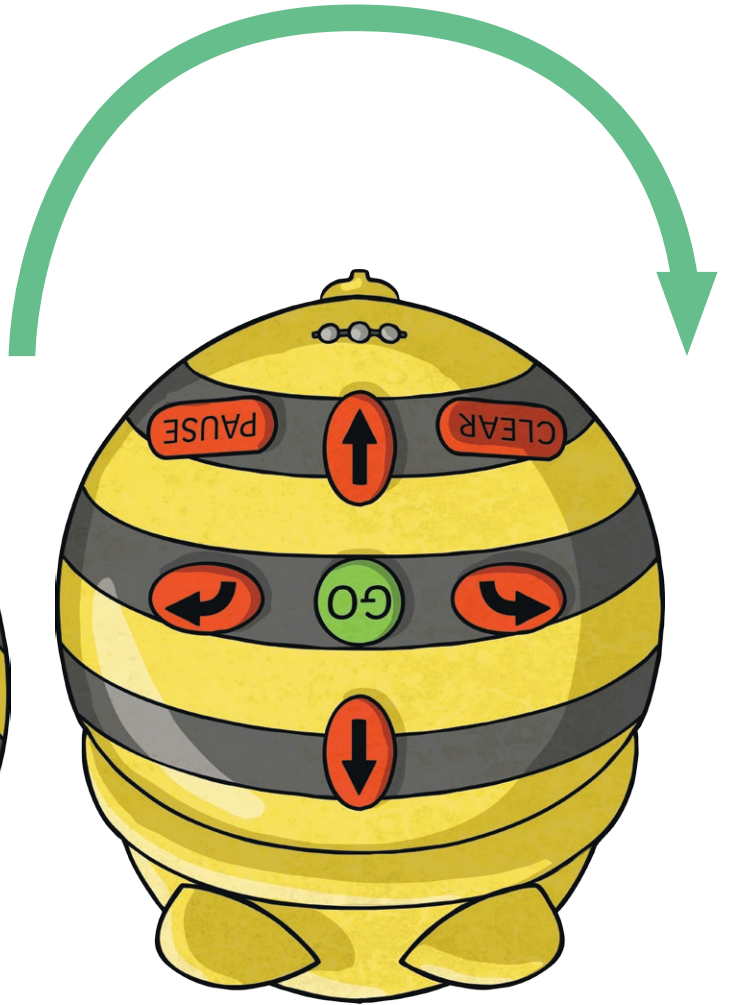
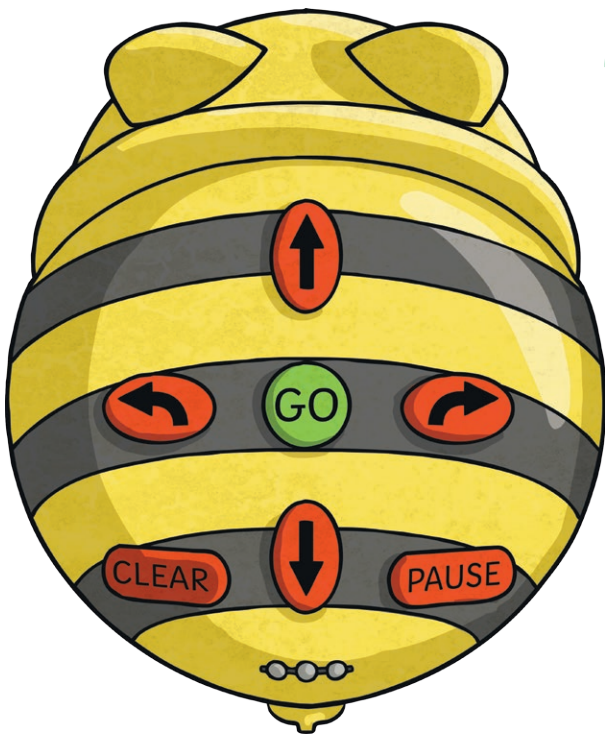
sequence



quarter



half



algorithm

CLEAR



PAUSE

GO

code

0110110101010101

0110101101010101

0101011011100101

0110110101010101

0011010111010101

0110101101010101

0110101101010101

0011010111010101

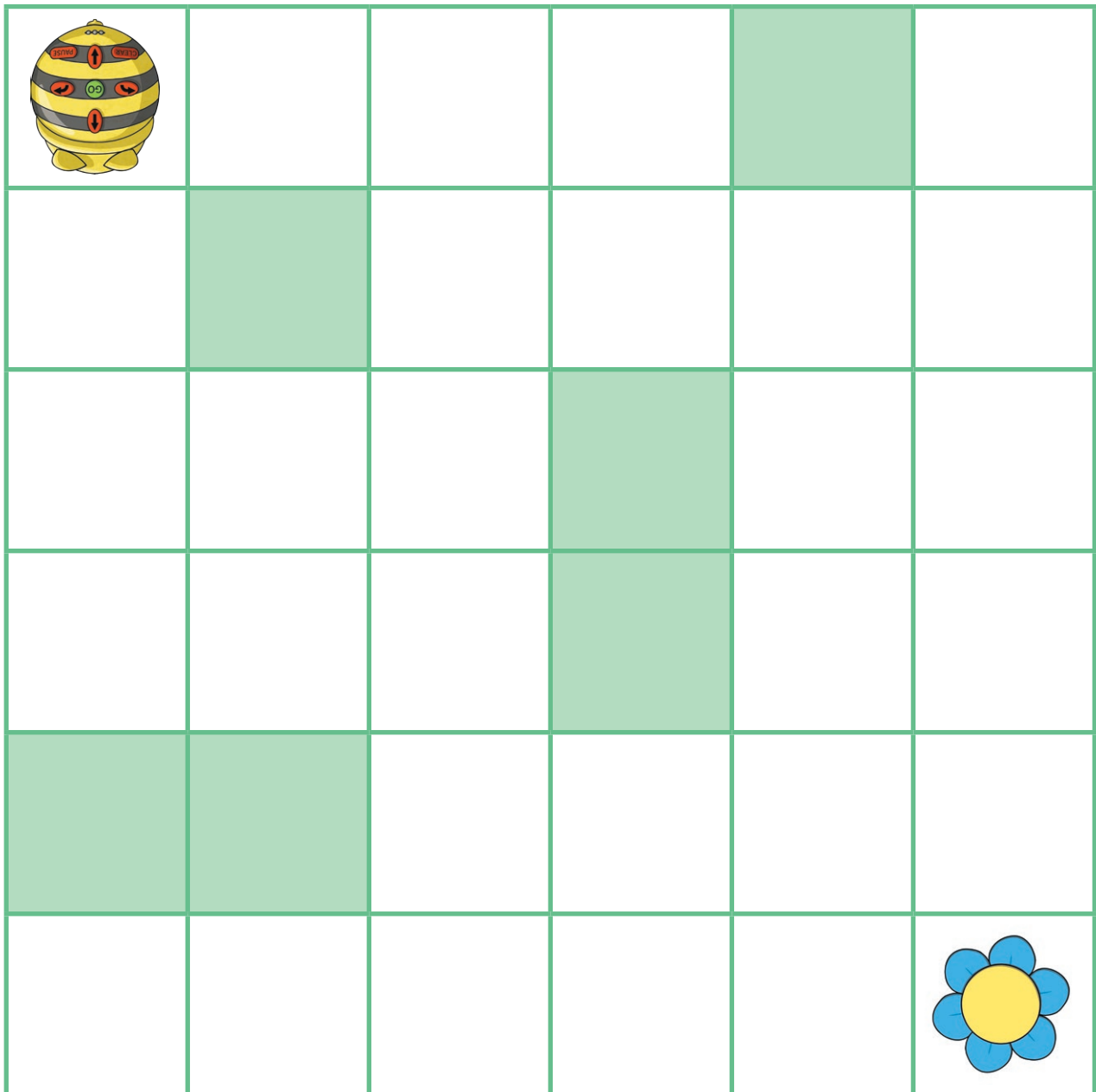
0110101101010101

0110110101010101

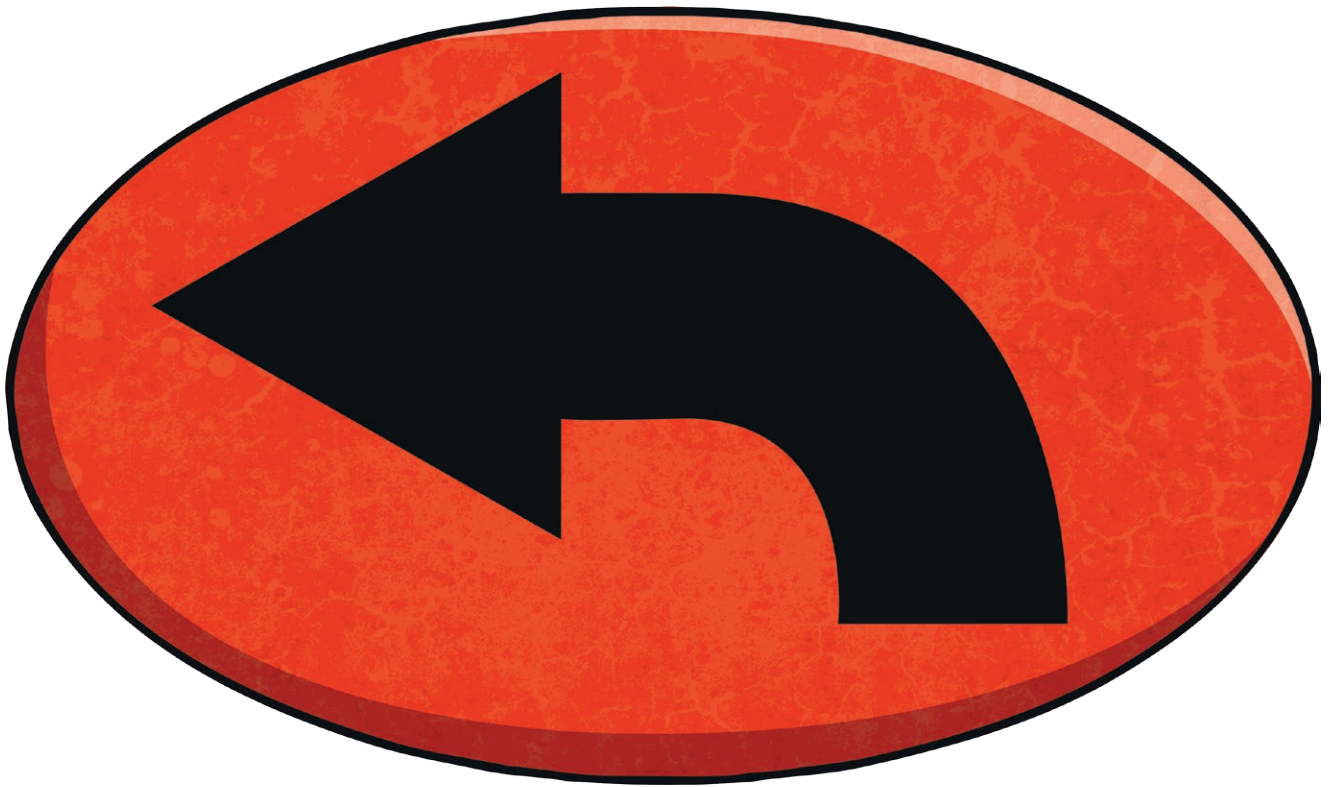


Instructions

Get the Bee-Bot to the flower.

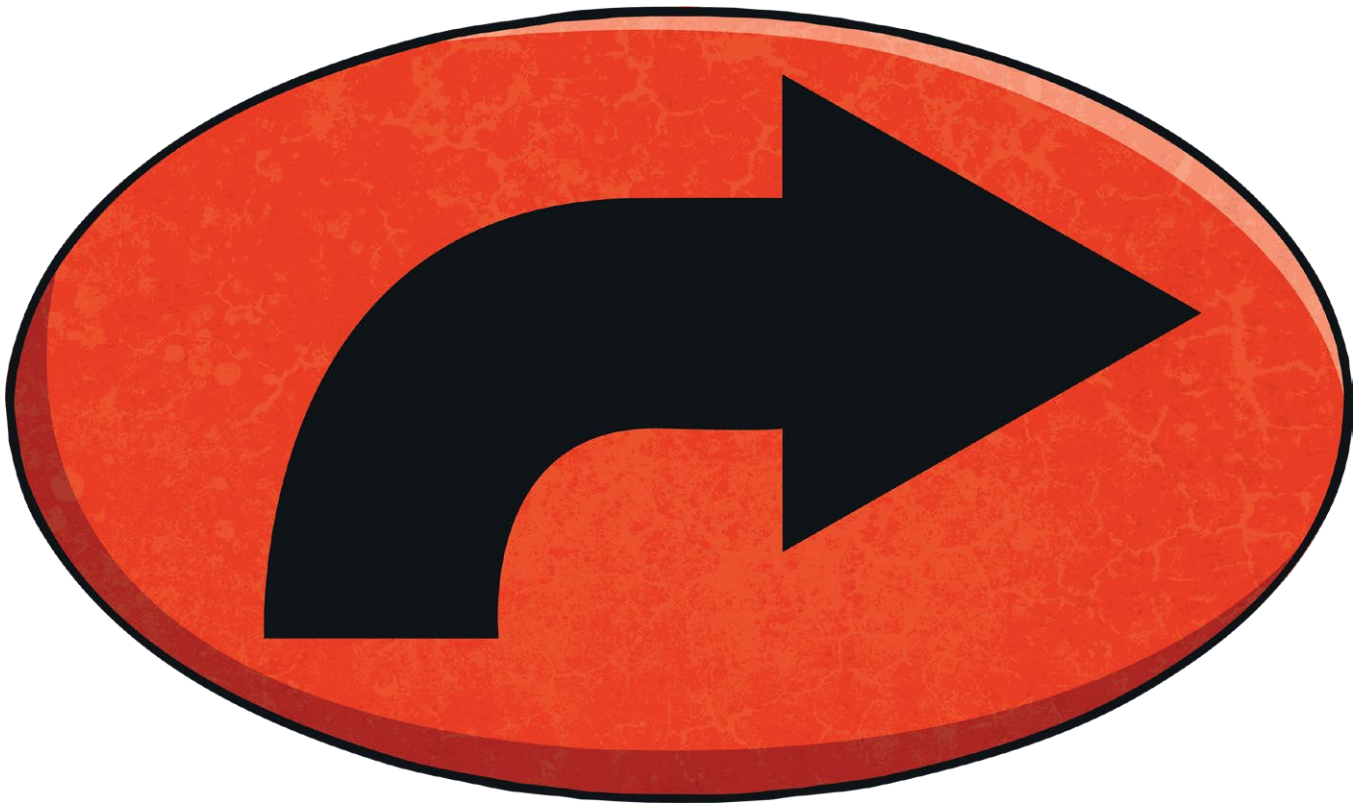


left



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right



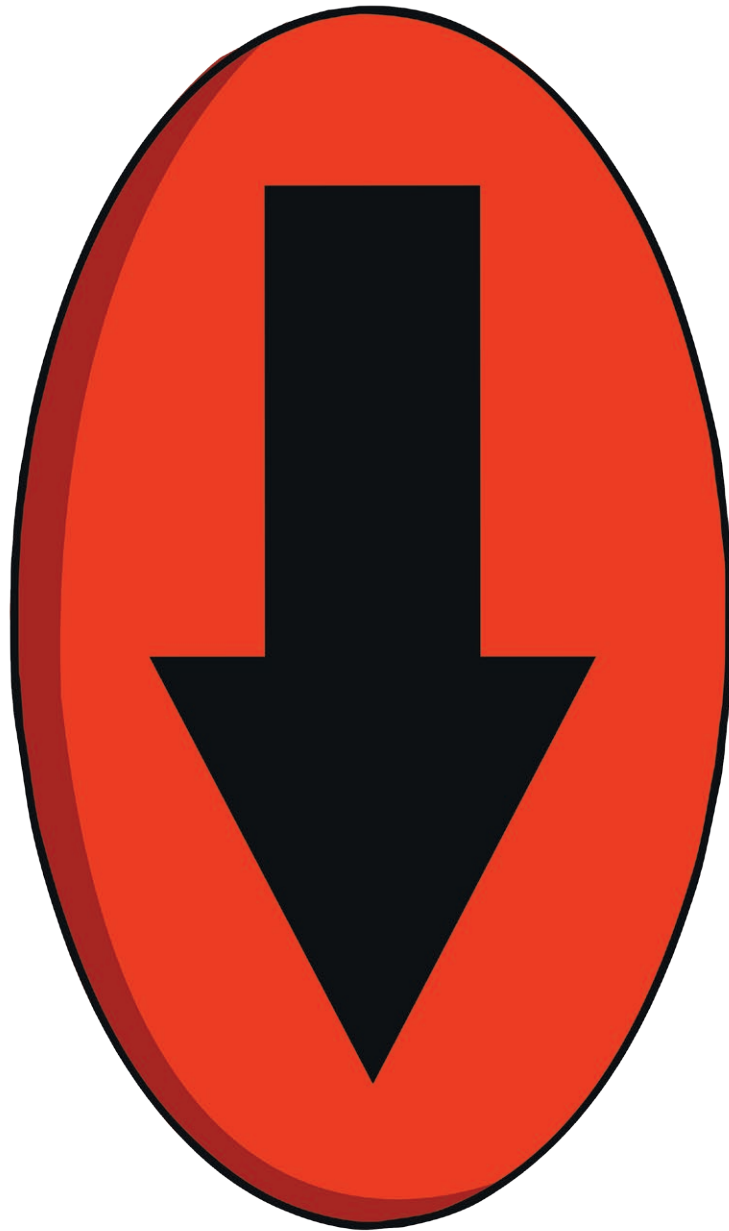
visit [twinkl.com](https://www.twinkl.com)

forward



visit [twinkl.com](https://www.twinkl.com)

backward



visit [twinkl.com](https://www.twinkl.com)

pause

PAUSE



visit [twinkl.com](https://www.twinkl.com)

clear

CLEAR



visit [twinkl.com](https://www.twinkl.com)

go

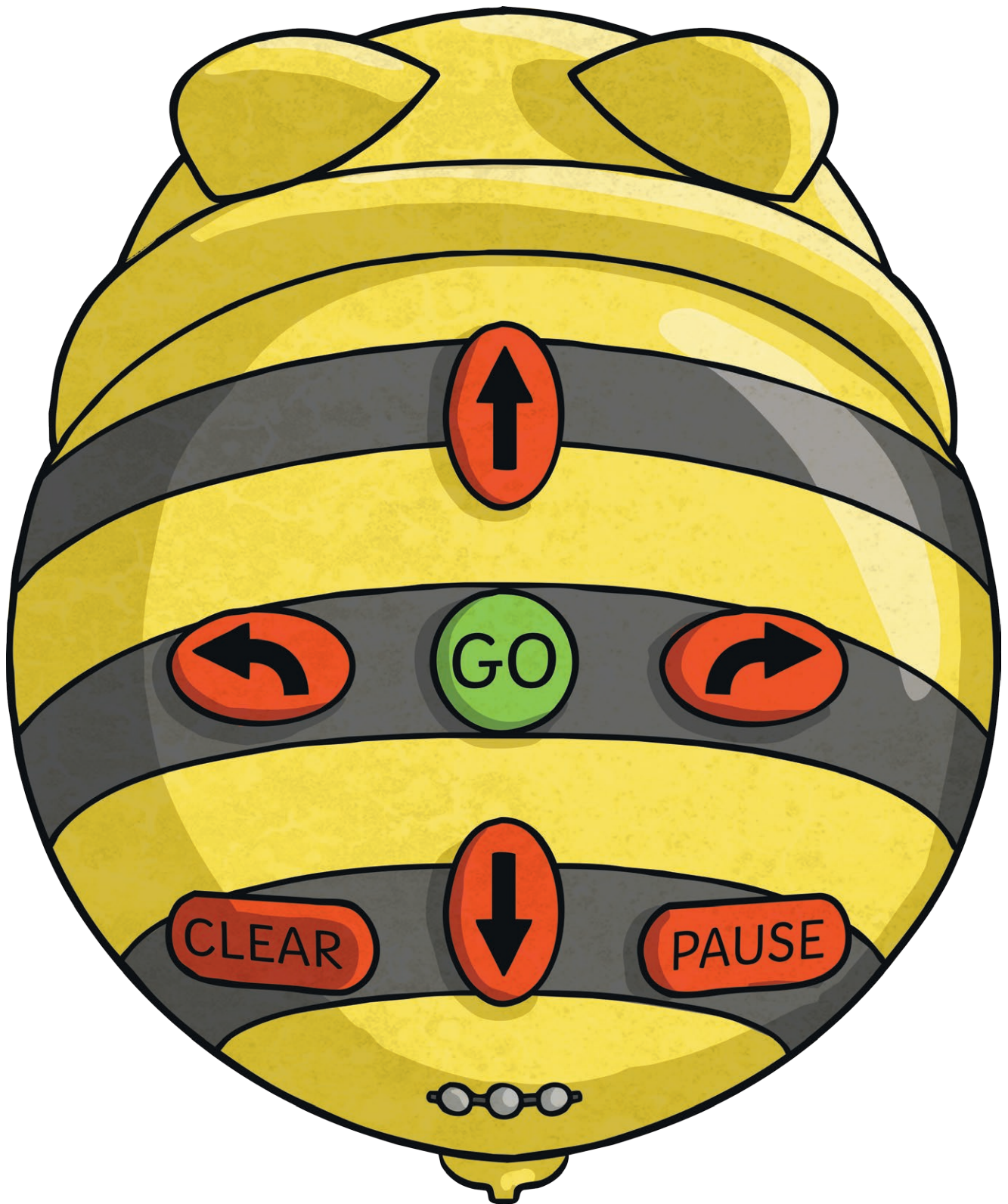


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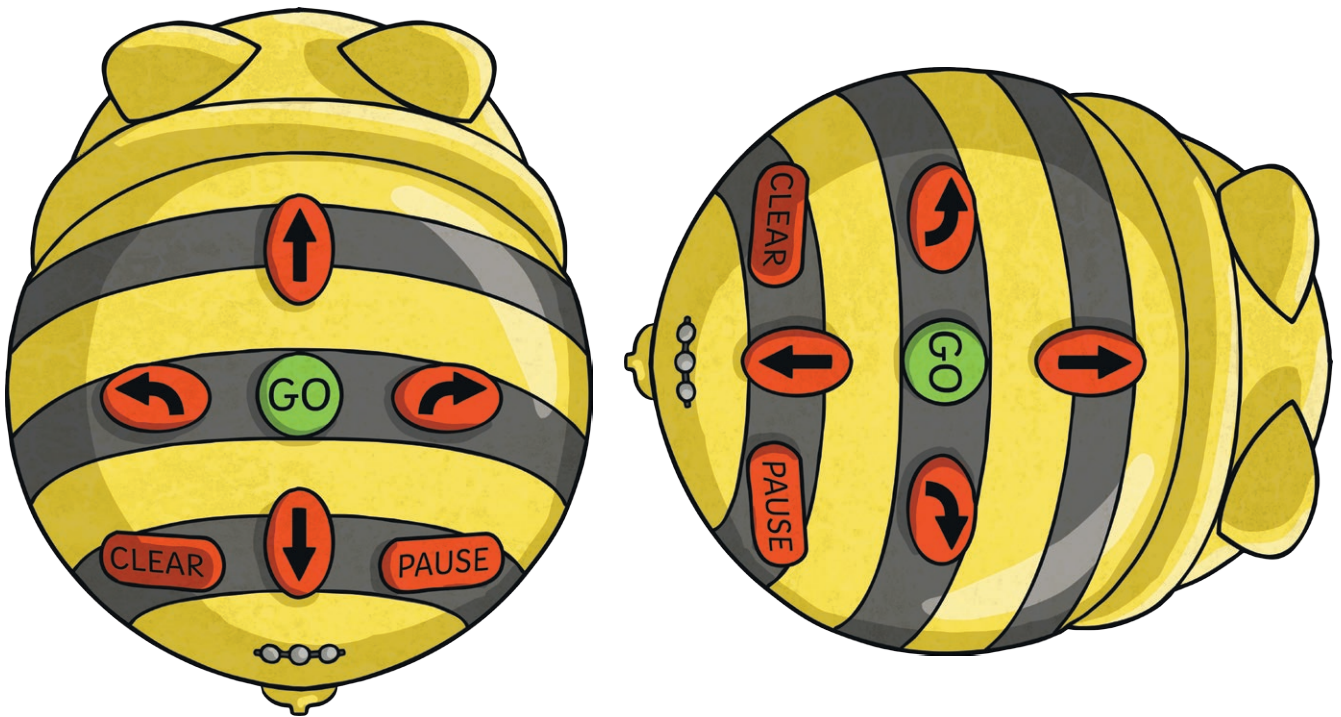
program



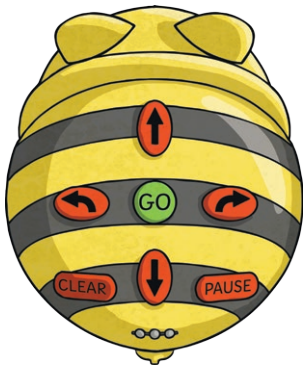
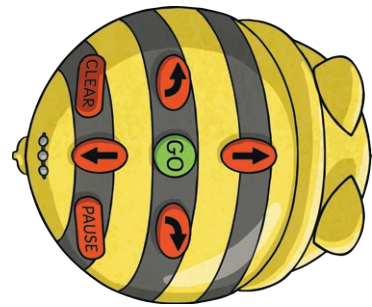
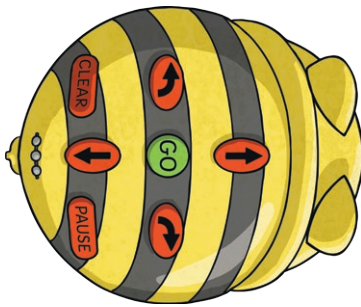
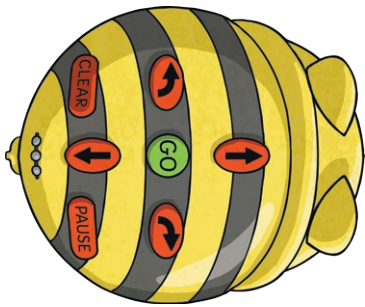
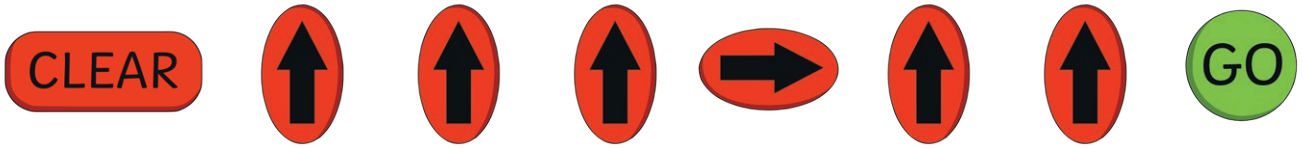
Bee-Bot



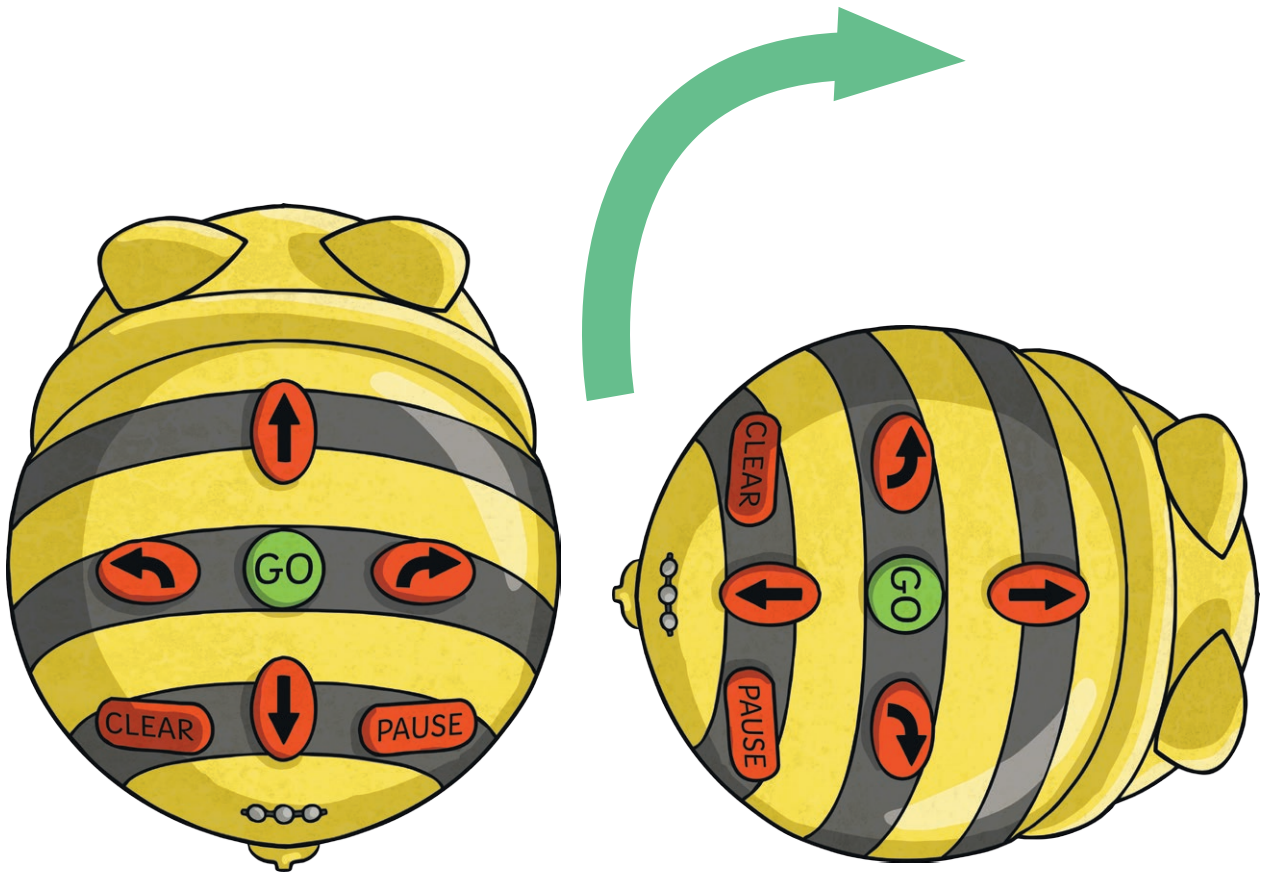
turn



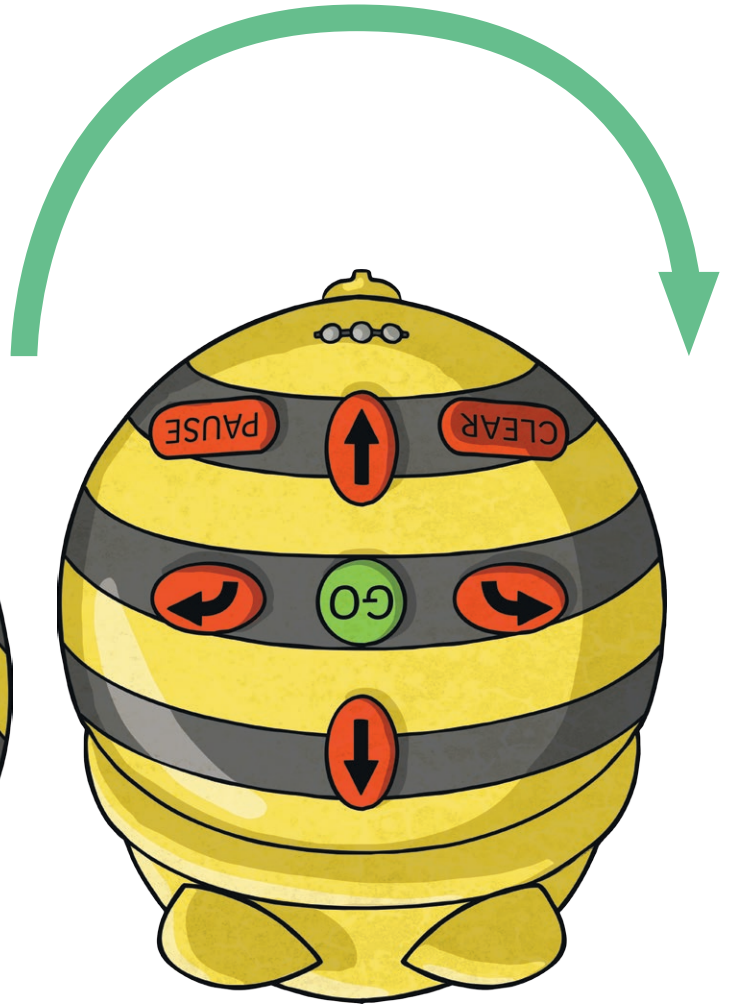
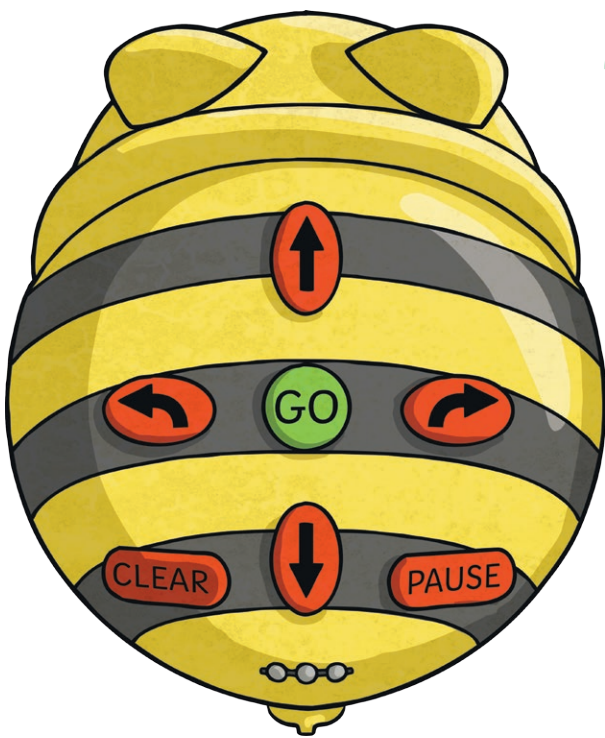
sequence



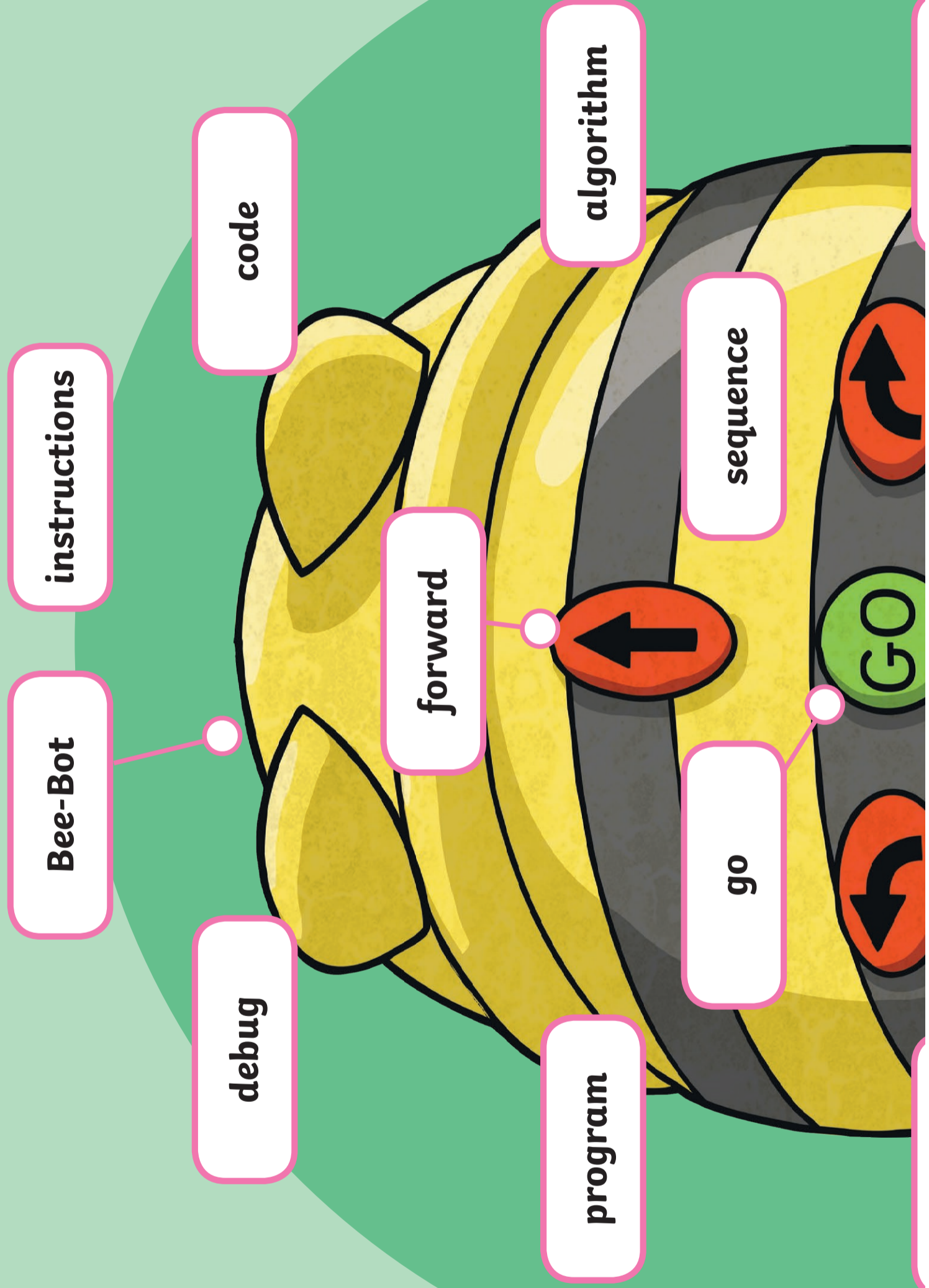
quarter

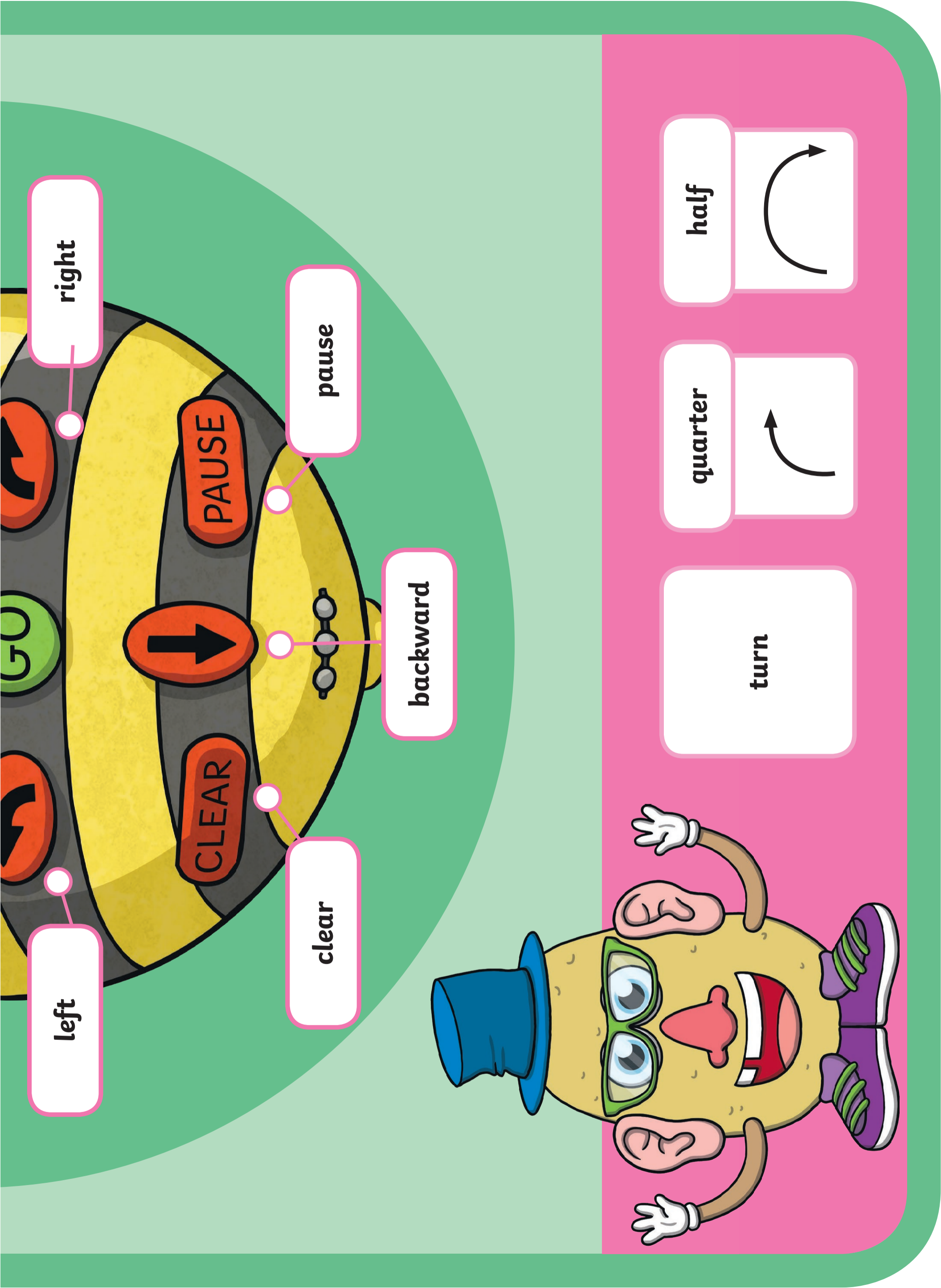


half



Programming Toys





half



quarter



turn

backward

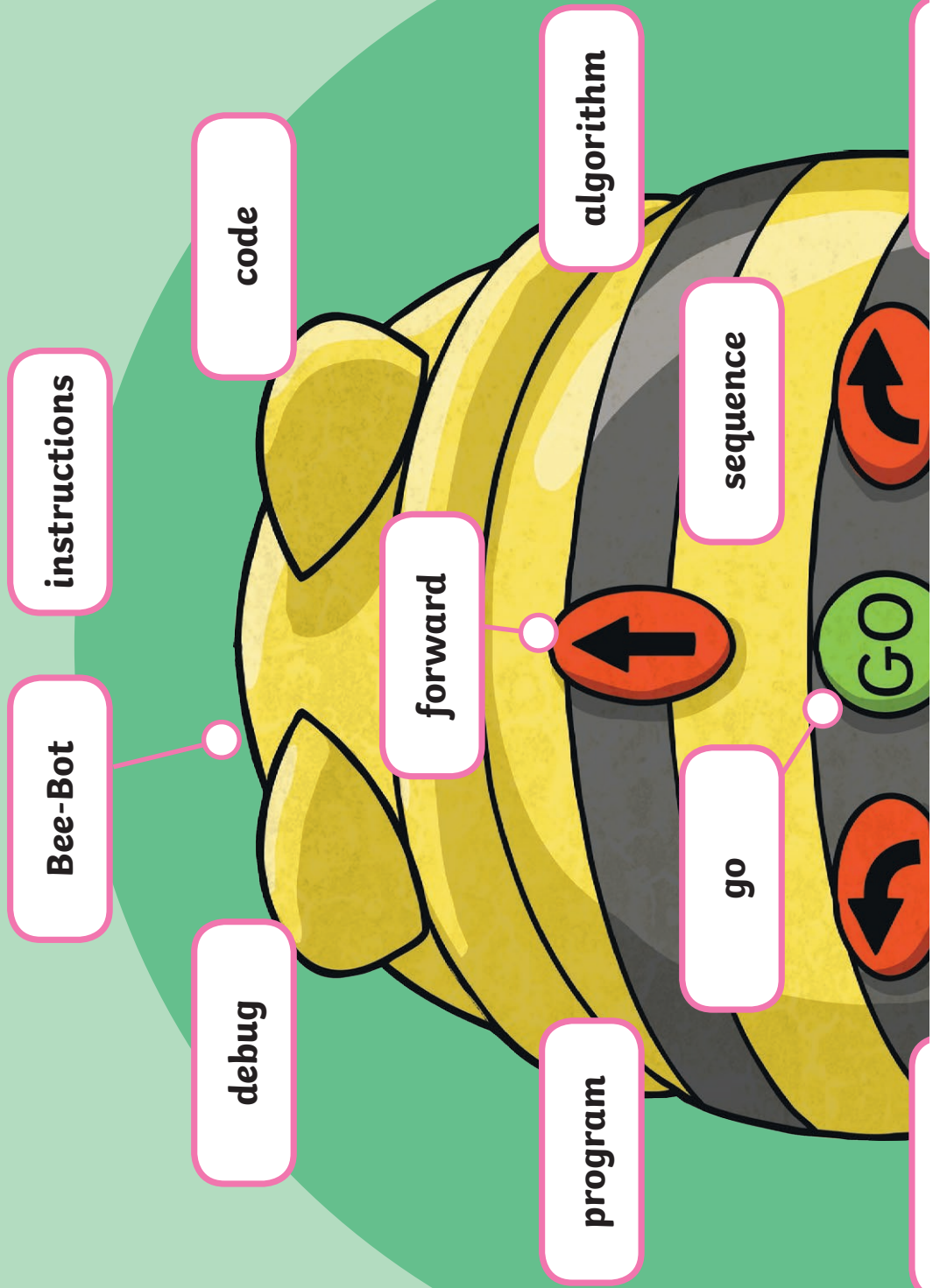
pause

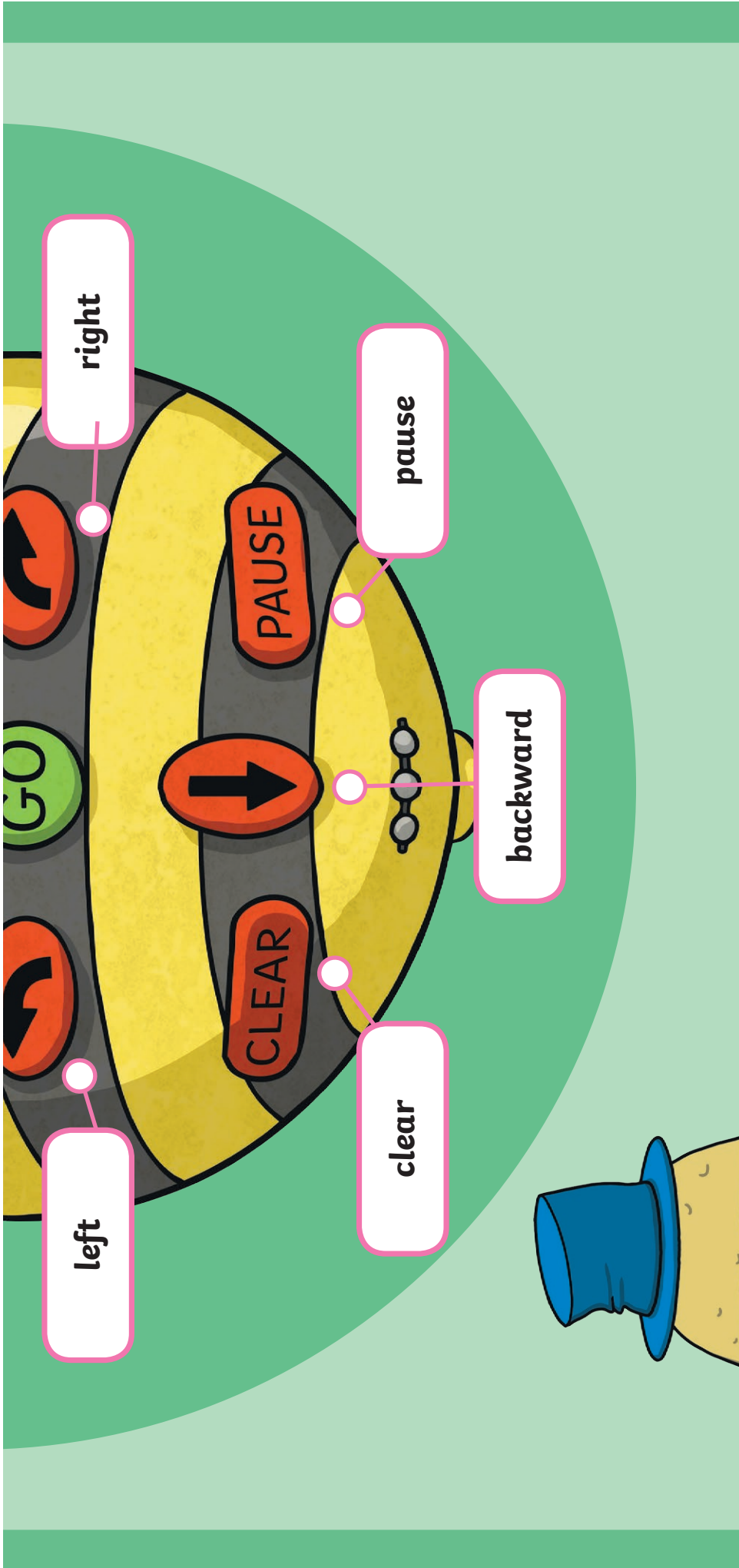
clear

right

left

Programming Toys





half

quarter

turn

Programm

Bee-Bot

debug

forwa

program

go

Programming Toys

instructions

code

forward

algorithm

sequence

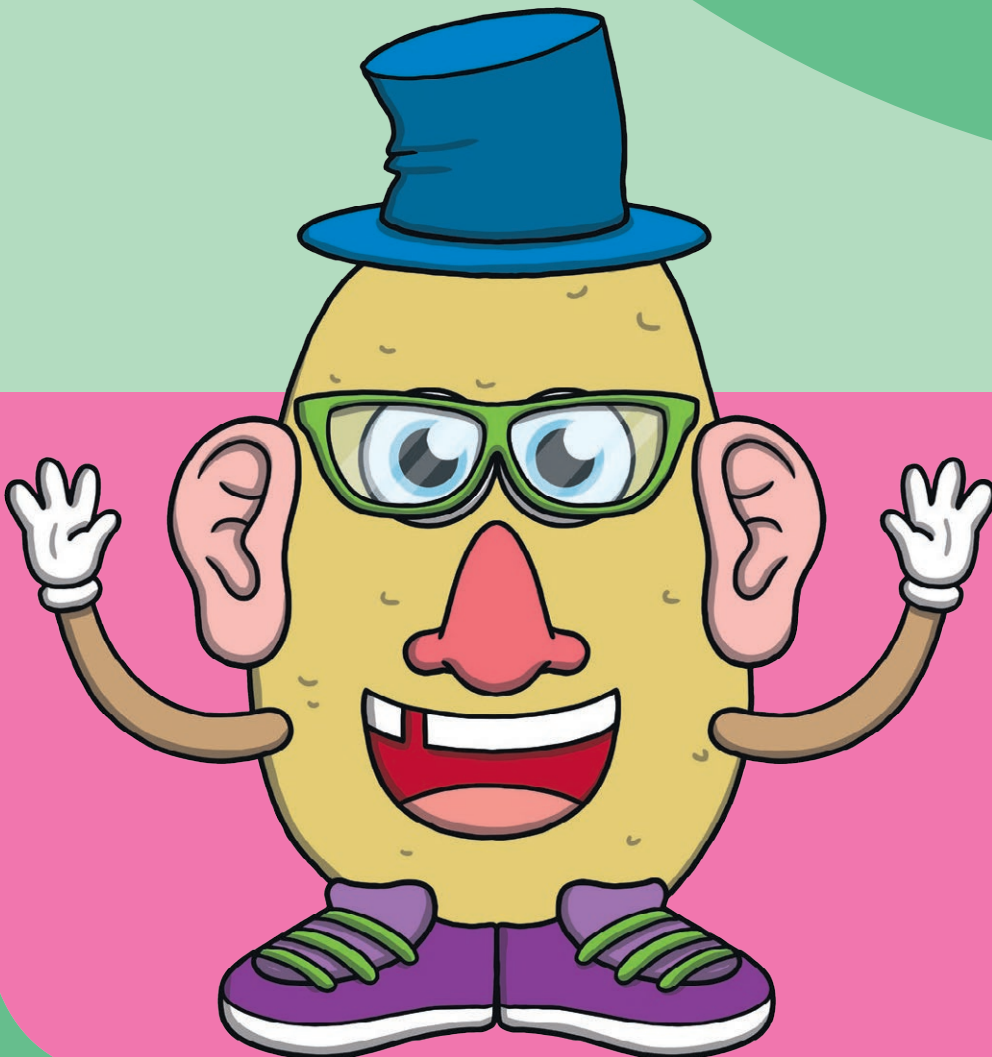
GO

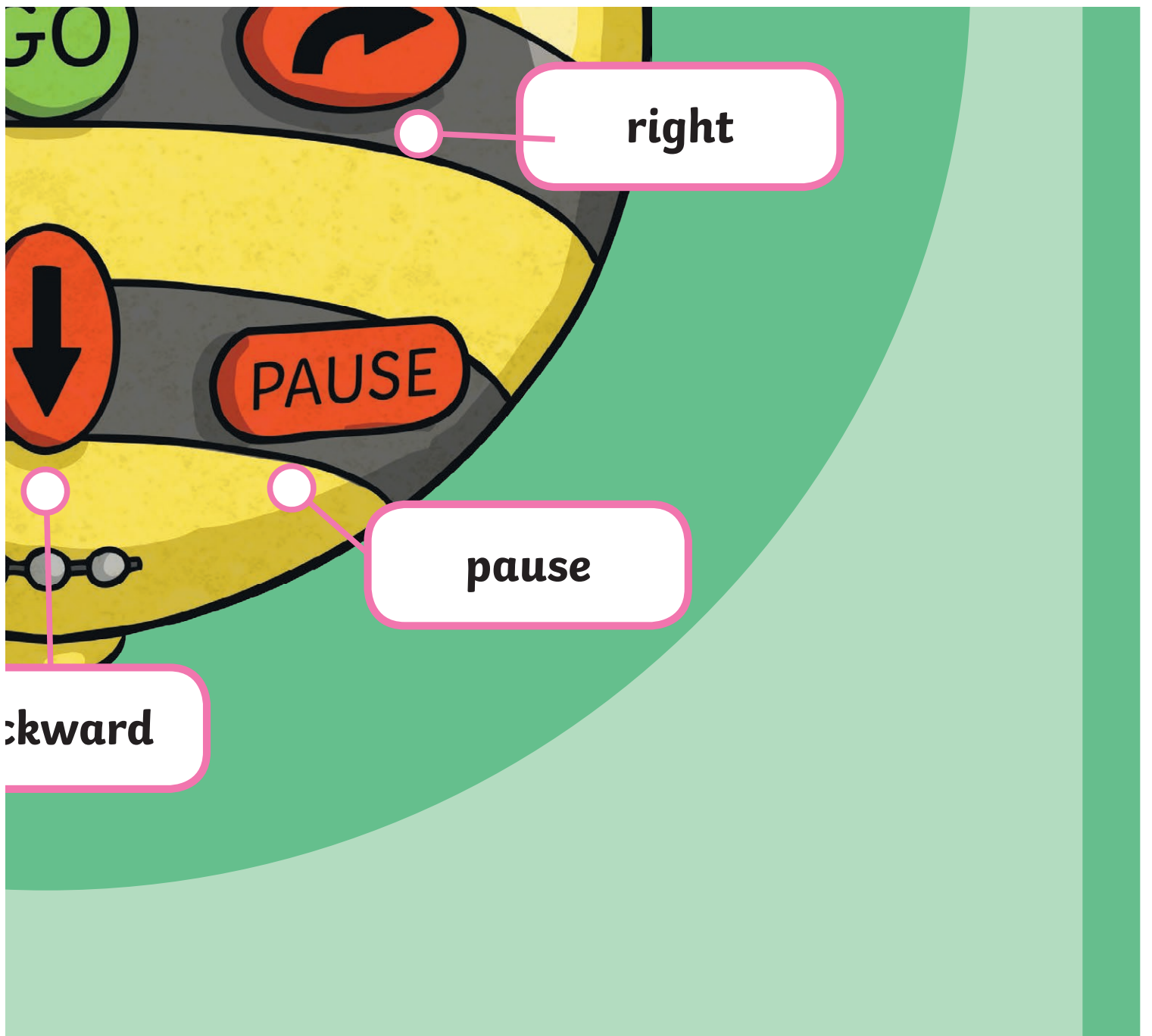
left

clear

backw

turn





right

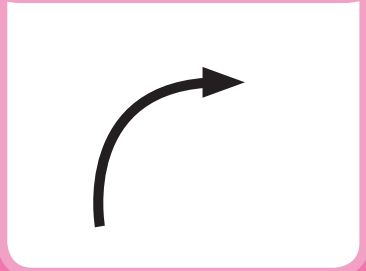
PAUSE

pause

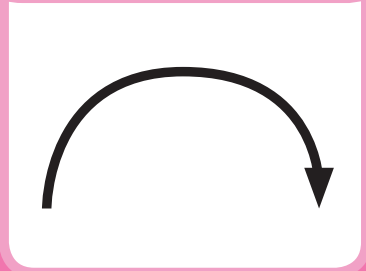
backward

turn

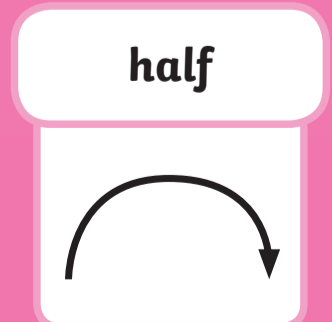
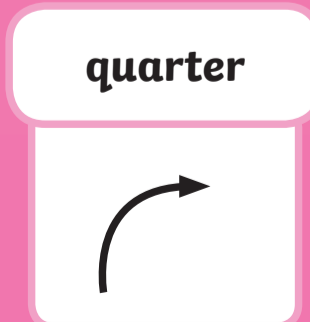
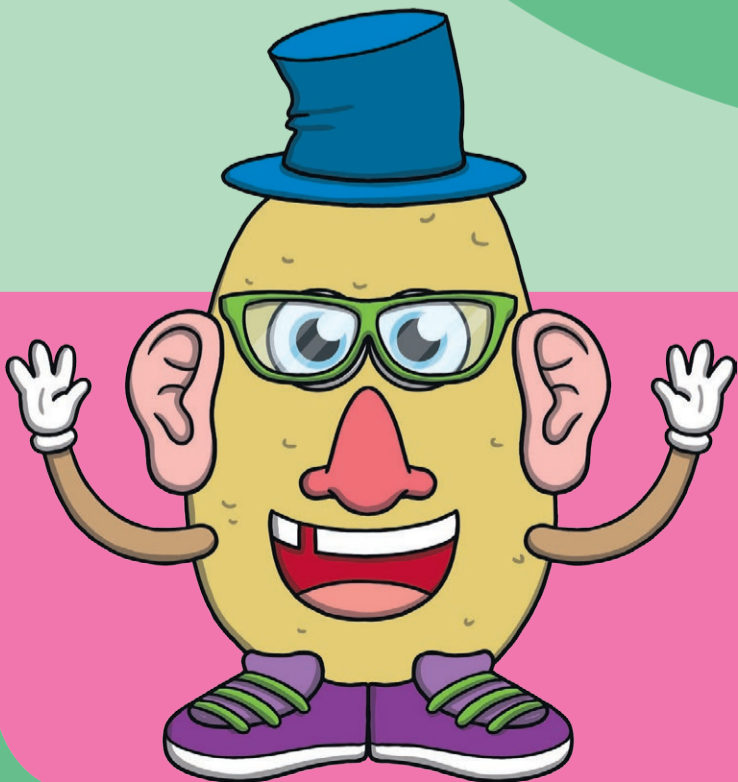
quarter



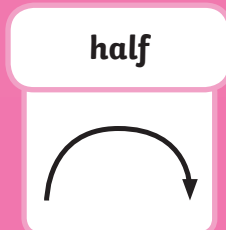
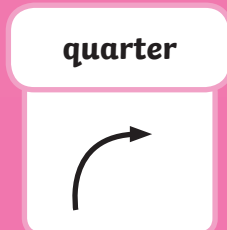
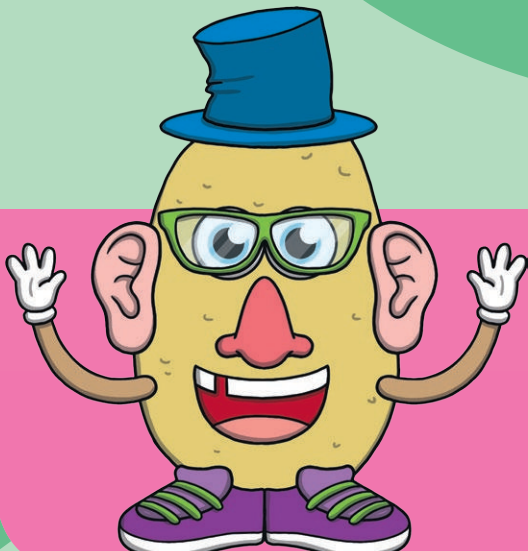
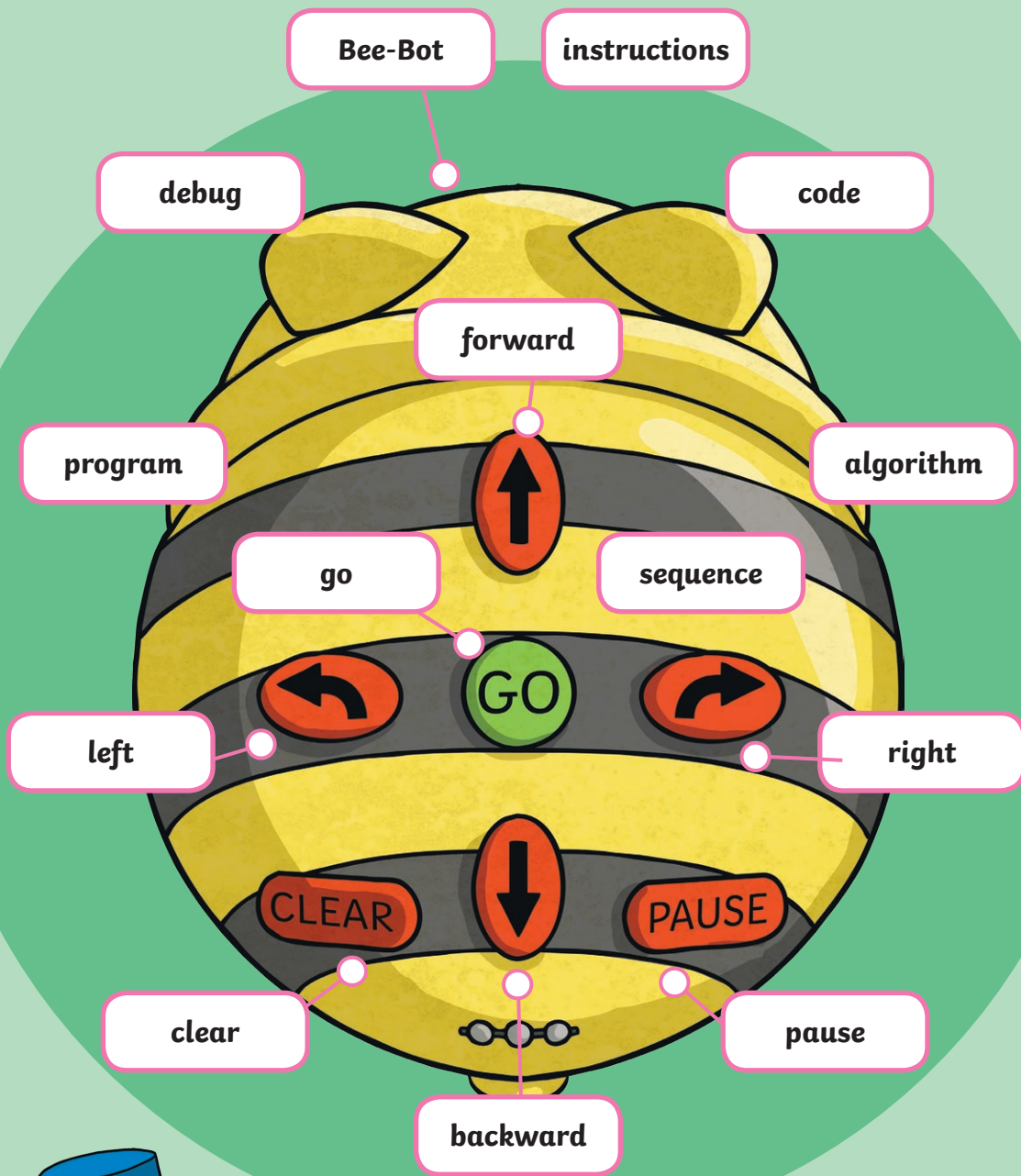
half



Programming Toys



Programming Toys

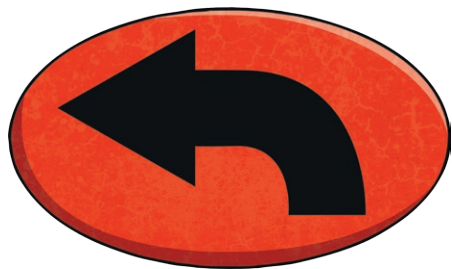


CLEAR

PAUSE

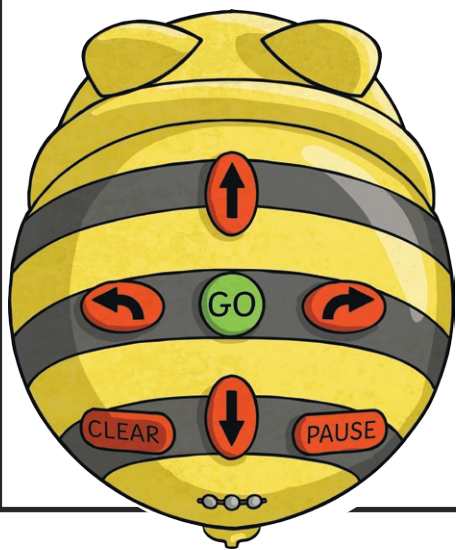


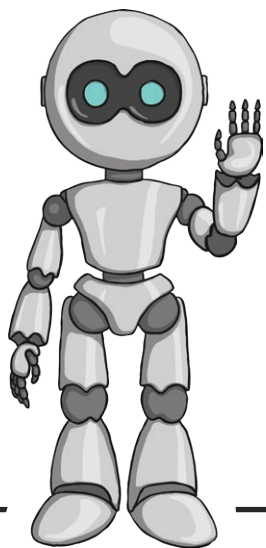


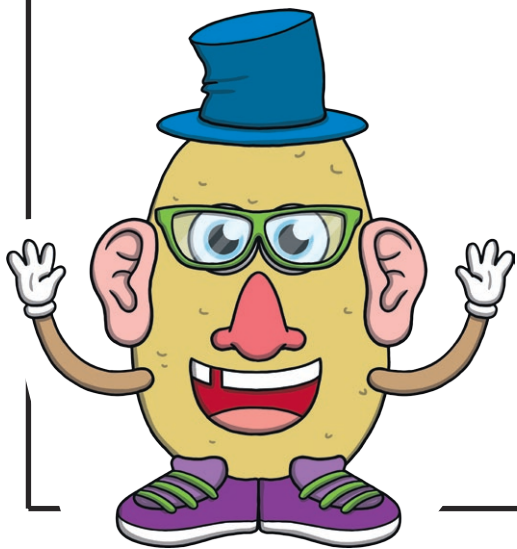










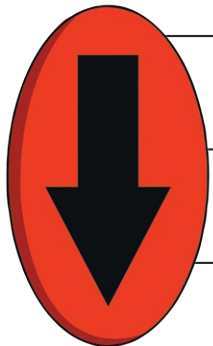


Blank writing area with horizontal lines.

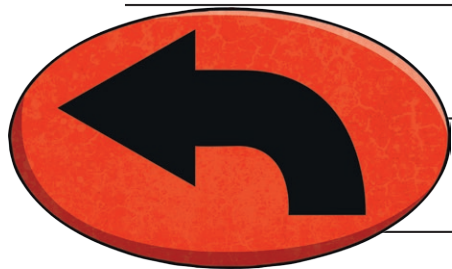
CLEAR

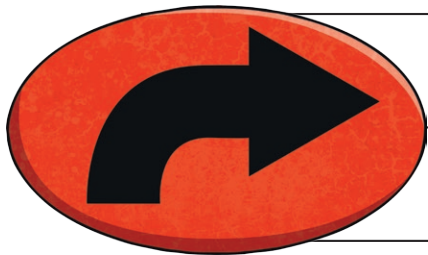
Blank writing area with horizontal lines for notes.

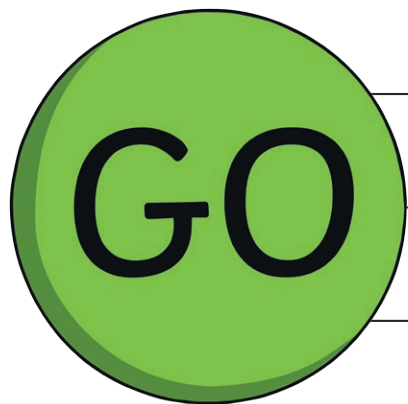
PAUSE

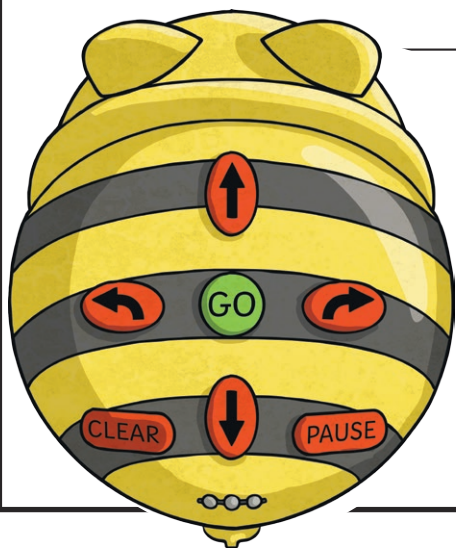


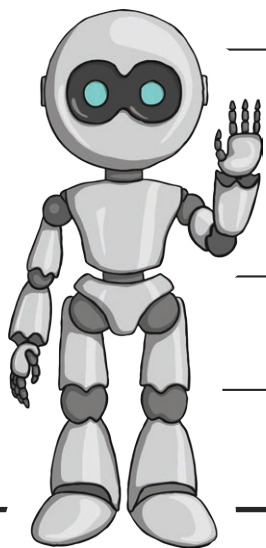


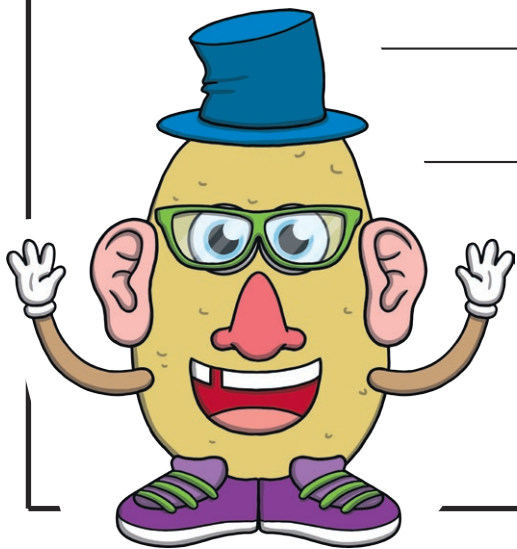










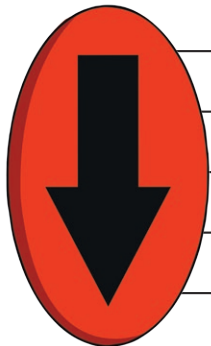


Blank writing area with horizontal lines.

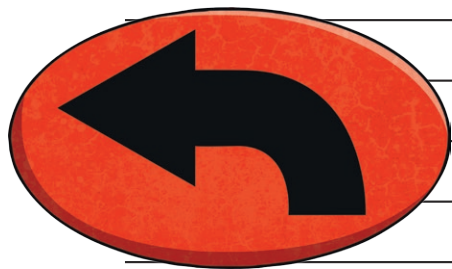
CLEAR

Blank writing area with horizontal lines for notes.

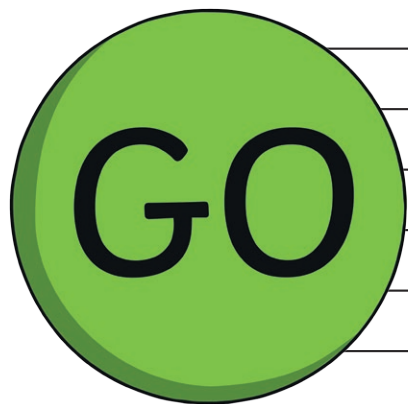
PAUSE

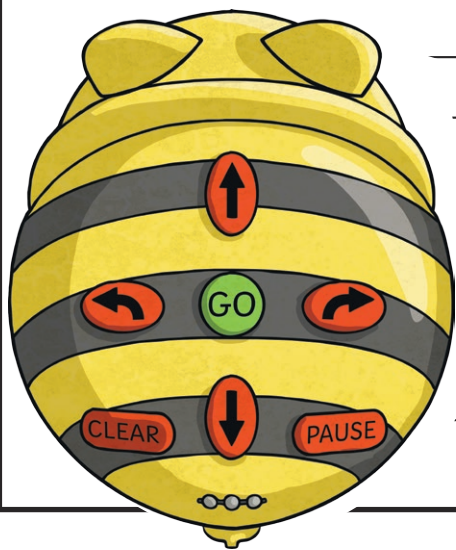


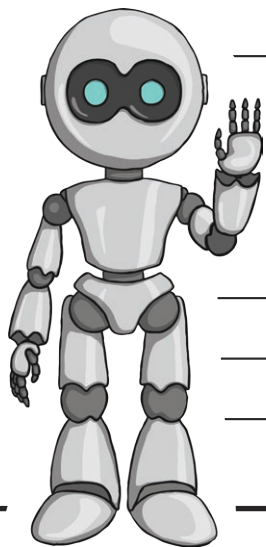


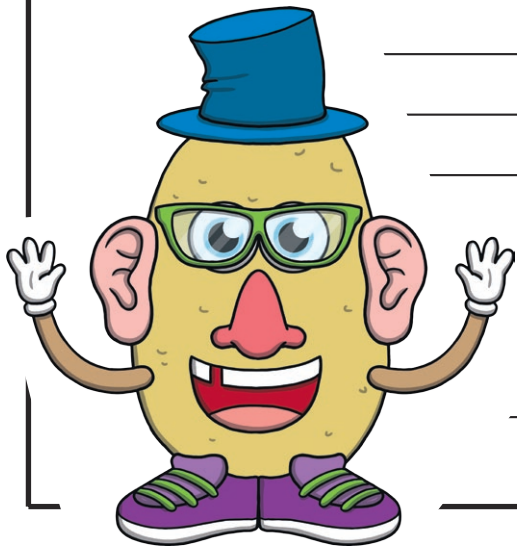










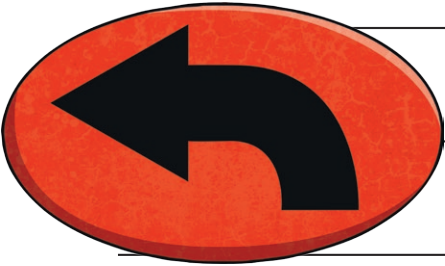


CLEAR

PAUSE

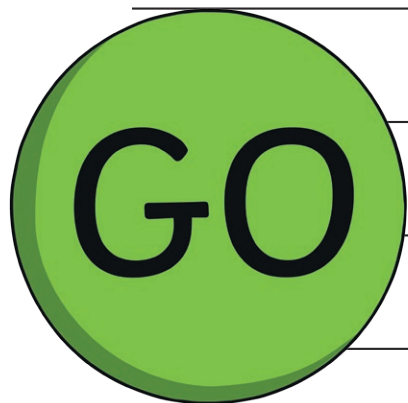




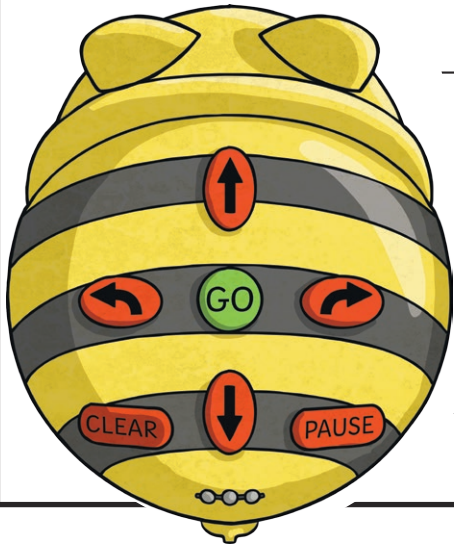


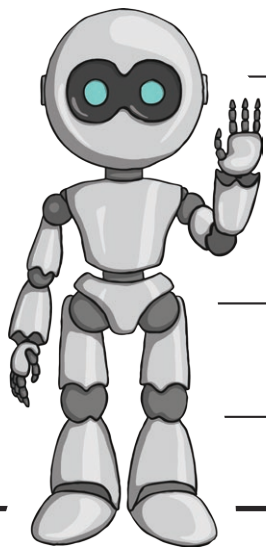


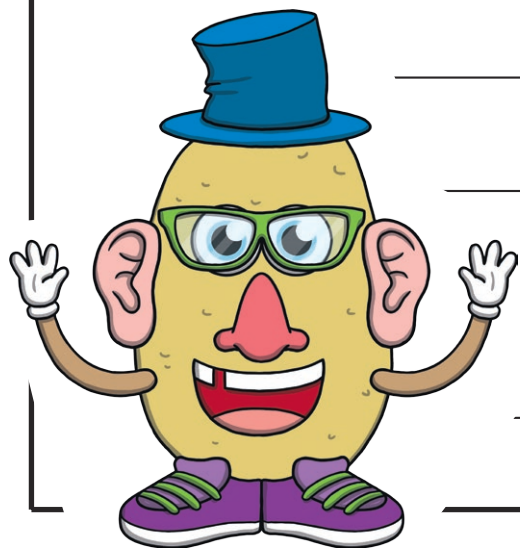
Eight horizontal lines for writing, evenly spaced across the page.



A series of ten horizontal lines spanning the width of the page, intended for writing. The lines are evenly spaced and extend from the left margin to the right margin.







A series of ten horizontal lines spanning the width of the page, intended for writing or drawing. The lines are evenly spaced and extend from the left margin to the right margin.

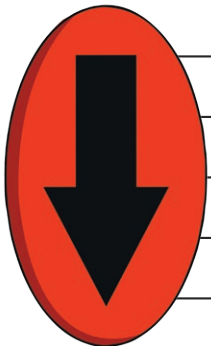
CLEAR

15 horizontal lines for writing.

PAUSE

3 horizontal lines for writing.

1 horizontal line for writing.

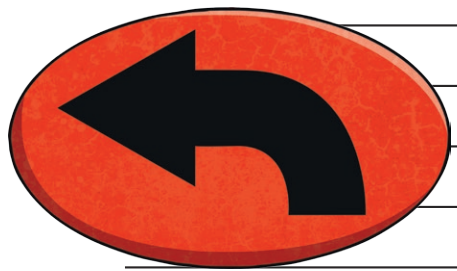


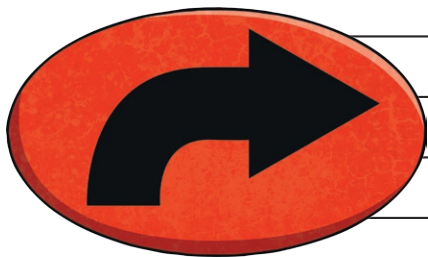
A series of 15 horizontal black lines for writing, arranged in two columns. The top column contains 10 lines, and the bottom column contains 5 lines.

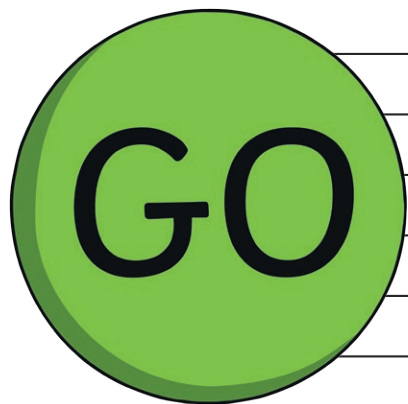
A set of 10 horizontal lines for writing, located in the upper portion of the page.



A set of 5 horizontal lines for writing, located in the lower portion of the page.

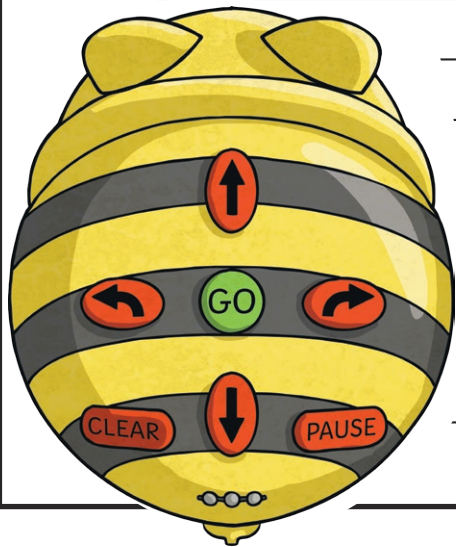




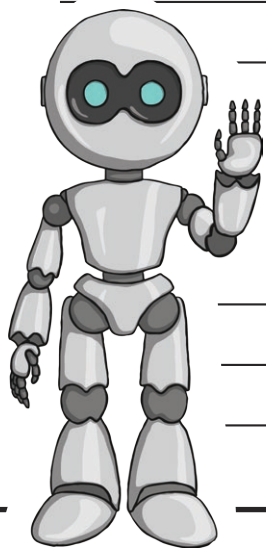


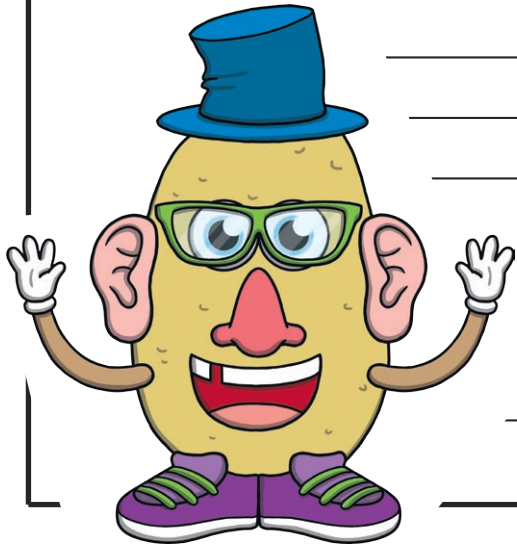
A series of 12 horizontal black lines spanning the width of the page, intended for writing. The lines are evenly spaced and extend from the left margin to the right margin.

A large rectangular area with ten horizontal lines for handwriting practice, spanning most of the page.



A smaller rectangular area with five horizontal lines for handwriting practice, located at the bottom right of the page.





CLEAR

PAUSE

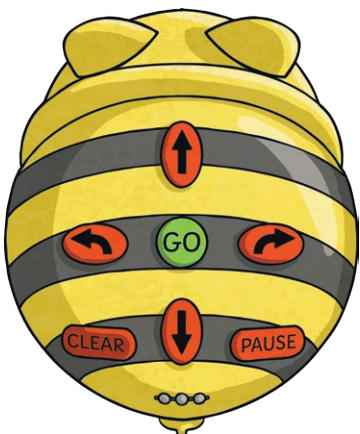


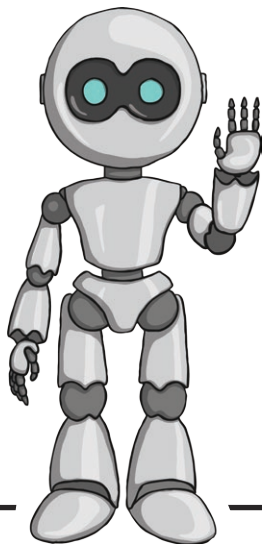


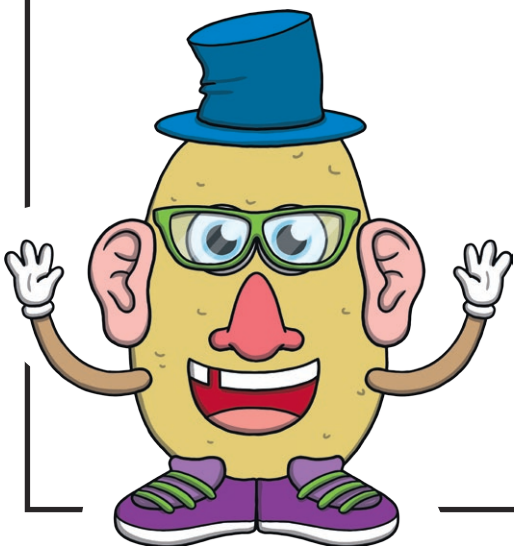






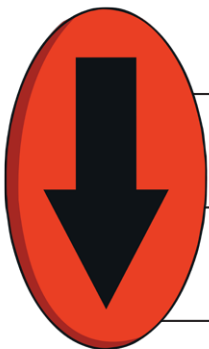






CLEAR

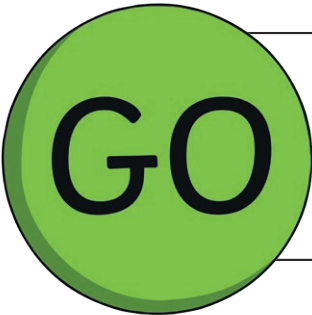
PAUSE

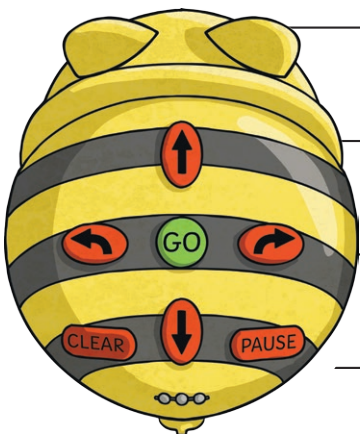


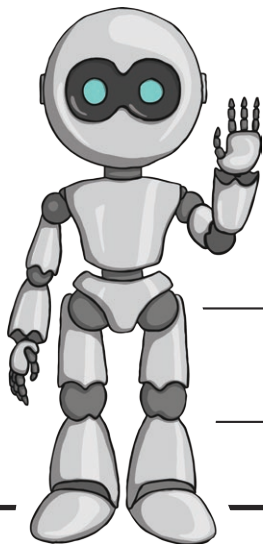


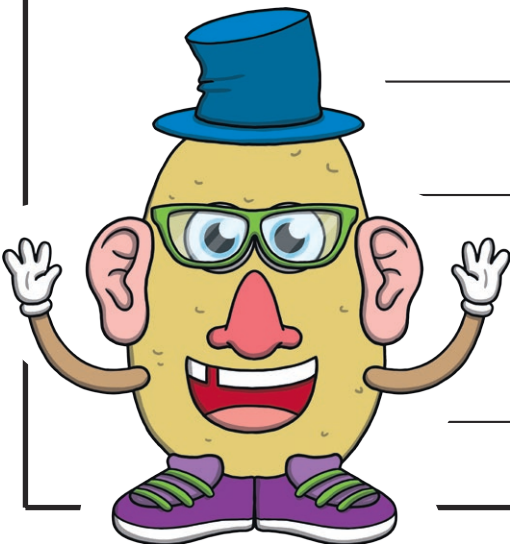






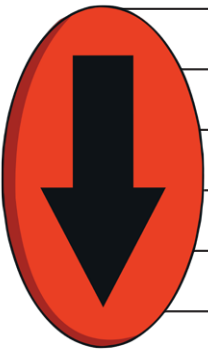






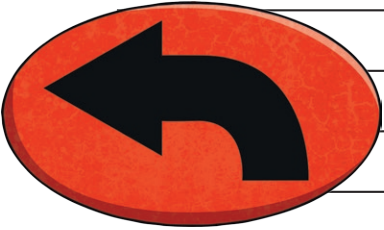
CLEAR

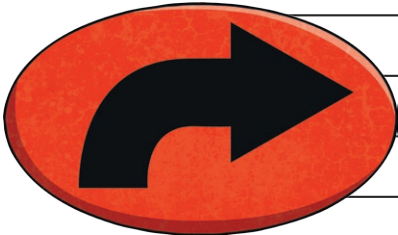
PAUSE



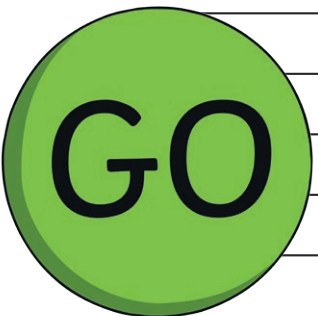
Blank writing area with 15 horizontal lines.

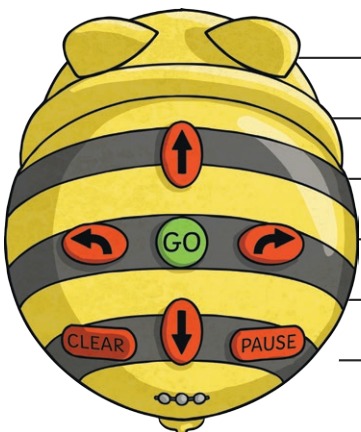


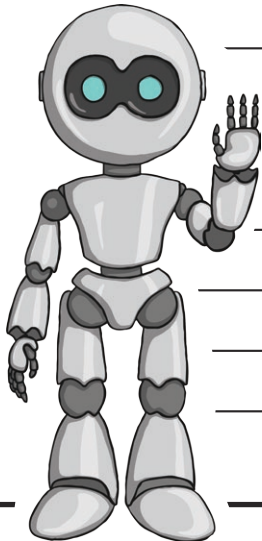


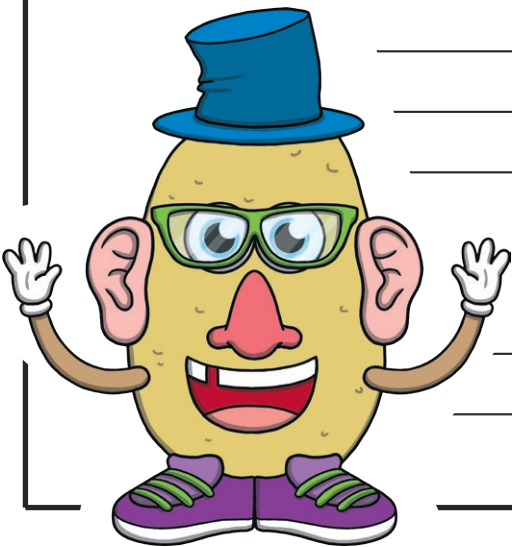


Lined writing area consisting of multiple horizontal lines for text entry.











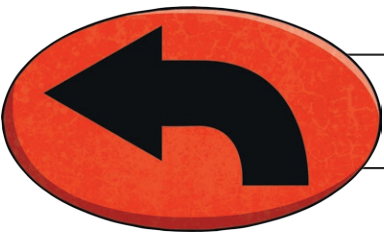
PAUSE

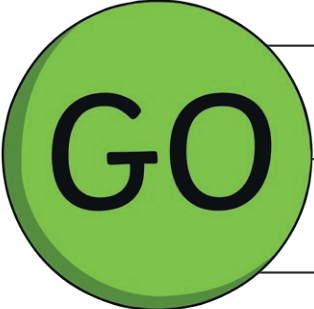


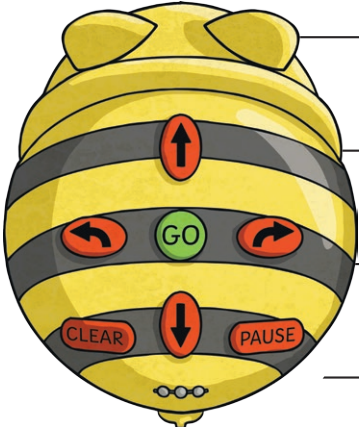
A series of horizontal lines for writing, starting from the top of the page and ending just above the red arrow icon at the bottom left.

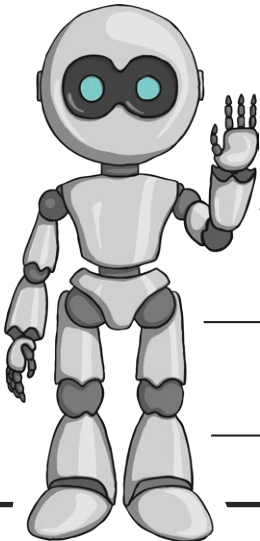


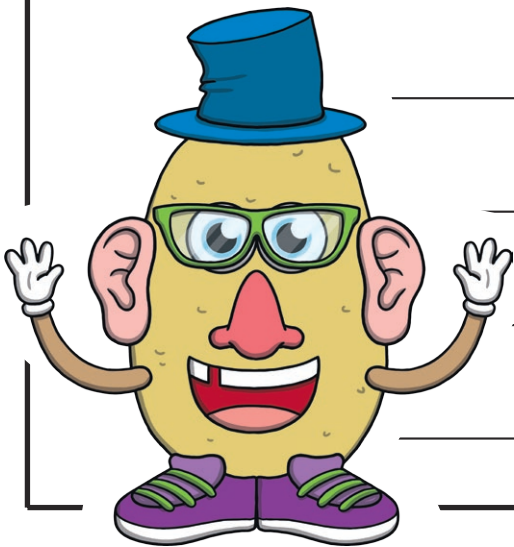
Blank lined writing area consisting of 17 horizontal lines.











Lined writing area with 20 horizontal lines.



Four horizontal lines for writing, positioned to the right of the CLEAR button.

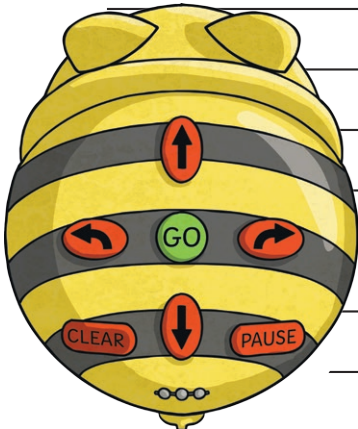
Lined writing area with 20 horizontal lines.

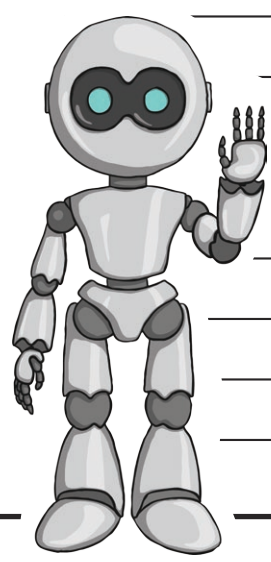


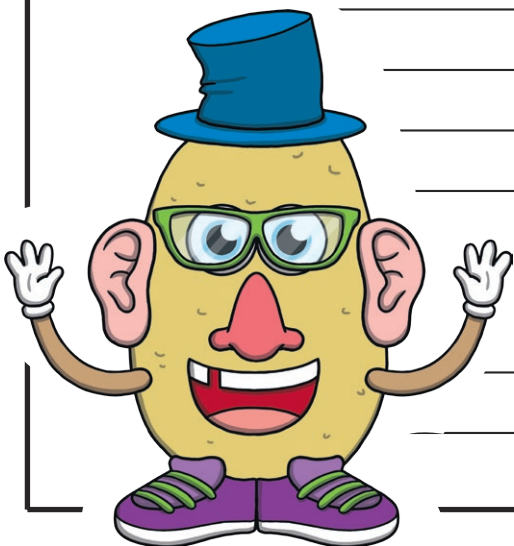
Handwriting practice sheet with 25 horizontal lines.



Lined writing area consisting of 20 horizontal lines for text entry.







algorithm

CLEAR



PAUSE

GO

code

```
0110110101010101
0110101101010101
0101011011100101
0110110101010101
0011010111010101
0110101101010101
0110101101010101
0011010111010101
0110101101010101
0110110101010101
```

left



right



forward



backward



pause

PAUSE

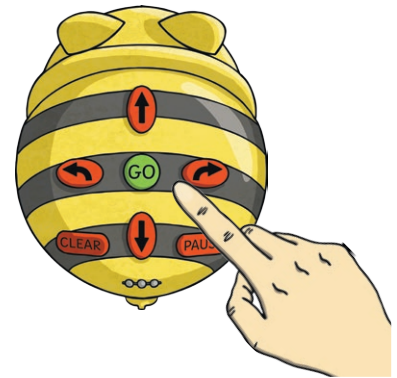
clear

CLEAR

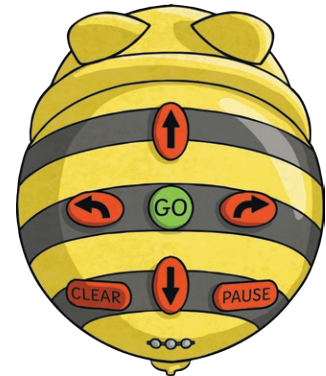
go



program



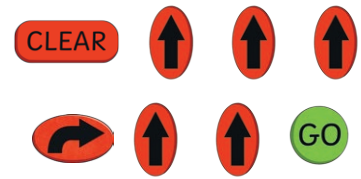
Bee-Bot



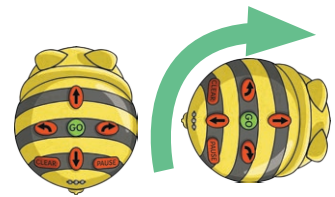
turn



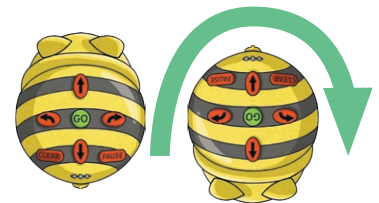
sequence



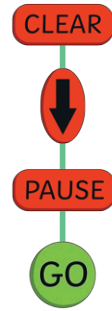
quarter



half



algorithm



code

```
0110110101010101  
0110101101010101  
0101011011100101  
0110110101010101  
0011010111010101  
0110101101010101  
0110101101010101  
0011010111010101  
0110101101010101  
0110110101010101
```

left



right



forward



backward



pause

PAUSE

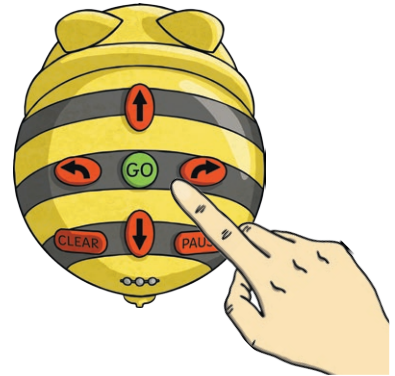
clear

CLEAR

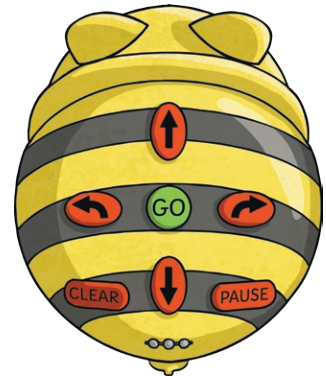
go



program



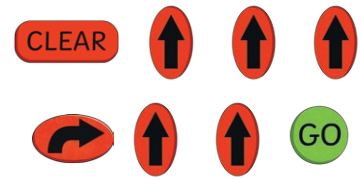
Bee-Bot



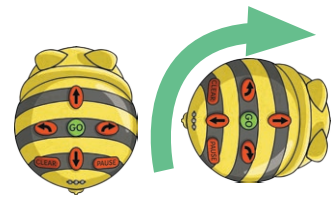
turn



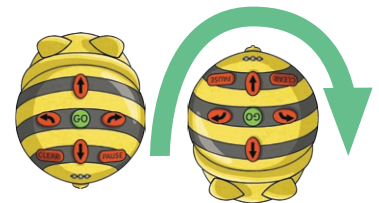
sequence



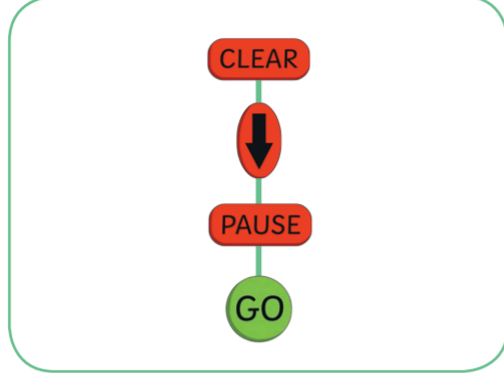
quarter




half



Programming Toys




algorithm



```
0110110101010101
0110101101010101
0101011011100101
0110110101010101
0011010111010101
0110101101010101
0110101101010101
0110101101010101
0011010111010101
0110101101010101
0110101101010101
```

code




left



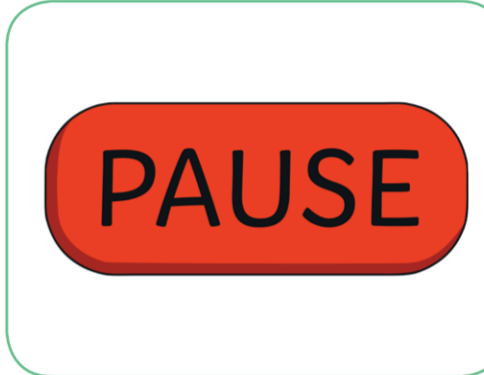
right



forward



backward



pause




clear



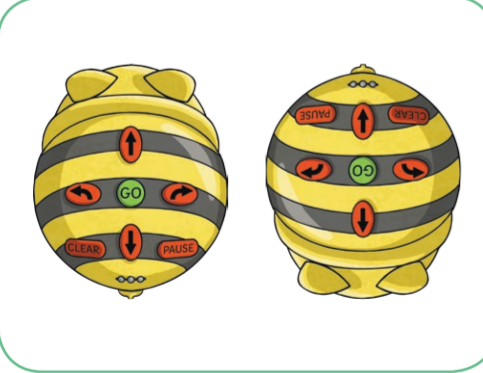
go



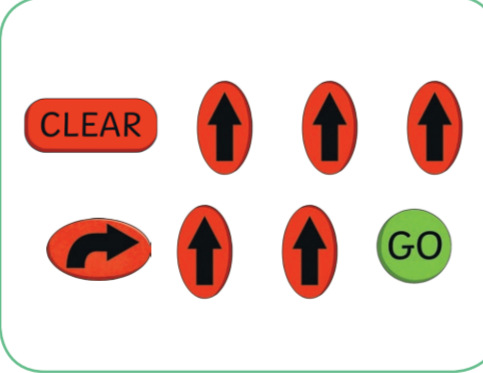
program



bee-bot



turn



sequence

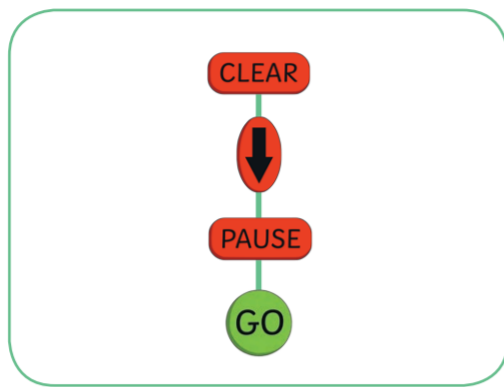


quarter




half

Programming Toys



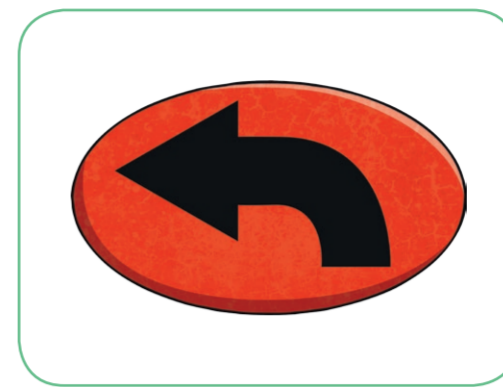
A vertical flowchart with three steps: a red box labeled 'CLEAR' with a downward arrow, a red box labeled 'PAUSE' with a downward arrow, and a green circle labeled 'GO'.

algorithm



```
0110110101010101
0110101101010101
0101011011100101
0110110101010101
0011010111010101
0110101101010101
0110101101010101
0011010111010101
0110101101010101
0110101101010101
011010101010101
```

code



A red oval containing a black arrow that curves 90 degrees to the left.

left



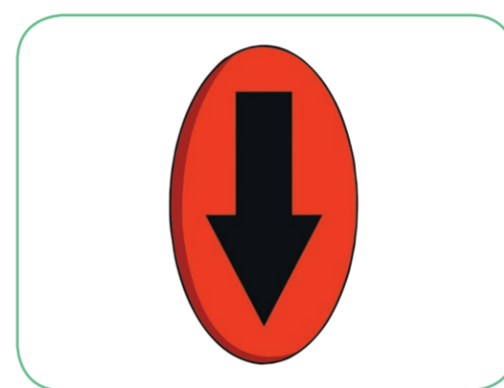
A red oval containing a black arrow that curves 90 degrees to the right.

right



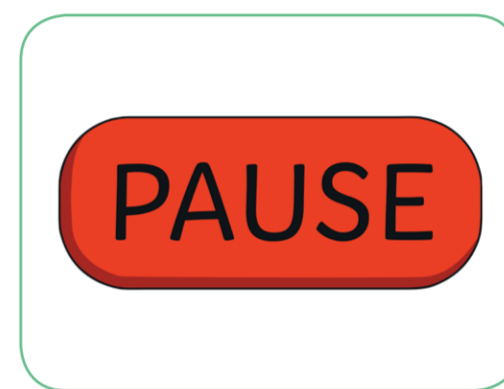
A red oval containing a black arrow pointing straight up.

forward



A red oval containing a black arrow pointing straight down.

backward



A red rounded rectangle containing the word 'PAUSE' in black capital letters.

pause



A red rounded rectangle containing the word 'CLEAR' in black capital letters.

clear




A green circle containing the word 'GO' in black capital letters.

go



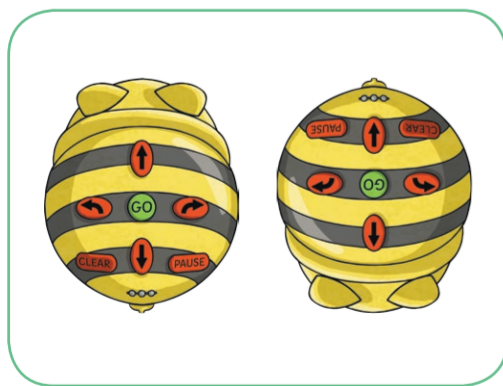
A yellow and black striped bee-shaped robot with a hand pointing to its 'GO' button.

program



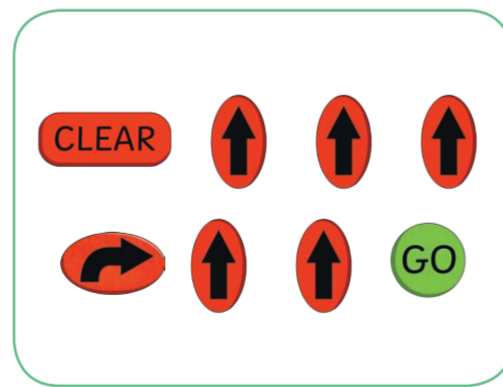
A yellow and black striped bee-shaped robot.

bee-bot



Two yellow and black striped bee-shaped robots, one facing left and one facing right.

turn



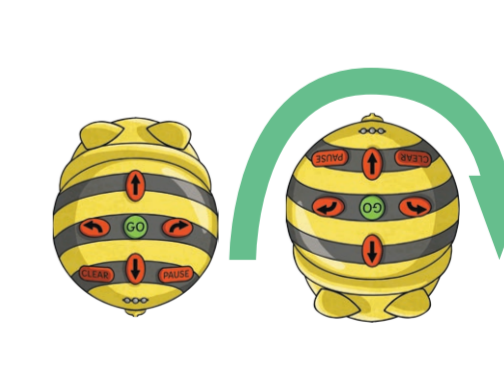
A sequence of programming icons: a red 'CLEAR' button, three red upward arrows, a red right turn arrow, two red upward arrows, and a green 'GO' button.

sequence



A yellow and black striped bee-shaped robot followed by a green arrow curving 90 degrees to the right.

quarter



A yellow and black striped bee-shaped robot followed by a green arrow curving 180 degrees.

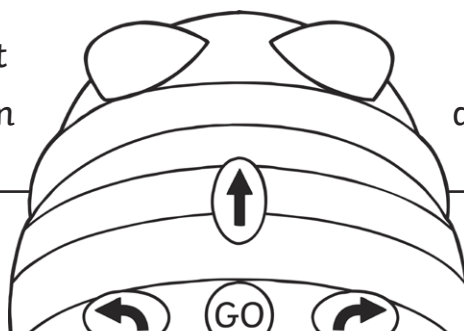
half

Programming Toys

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

left
turn
Bee-Bot
program

code
toys
right
algorithm



Programming Toys **Answers**

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

left	code
turn	toys
Bee-Bot	right
program	algorithm

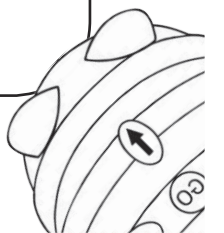
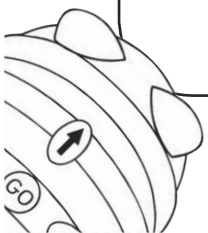
Programming Toys

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

debug
sequence
algorithm
instructions

code
Bee-Bot
forward
backward

half
quarter
direction
program



Programming Toys **Answers**

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

debug
sequence
algorithm
instructions

code
Bee-Bot
forward
backward

half
quarter
direction
program

Programming Toys

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

left
turn
Bee-Bot
program

code
toys
right
algorithm



Programming Toys **Answers**

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

left	code
turn	toys
Bee-Bot	right
program	algorithm

Programming Toys

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

debug
sequence
algorithm
instructions

code
Bee-Bot
forward
backward

half
quarter
direction
program



Programming Toys **Answers**

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

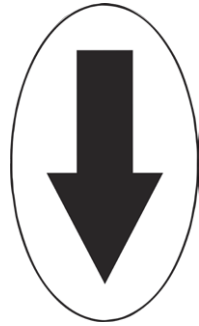
debug
sequence
algorithm
instructions

code
Bee-Bot
forward
backward

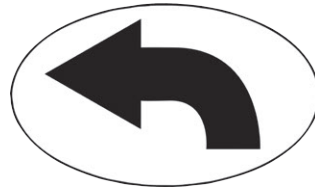
half
quarter
direction
program

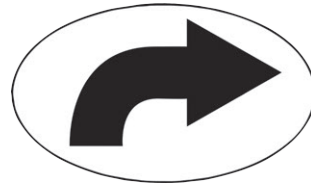
CLEAR

PAUSE

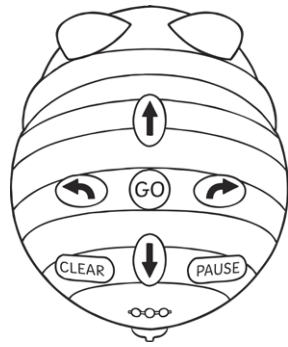


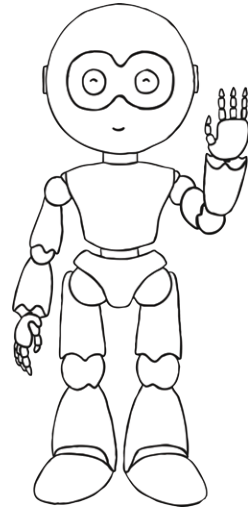


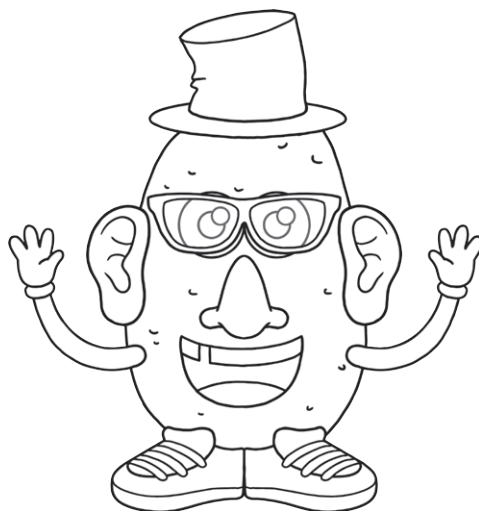




GO

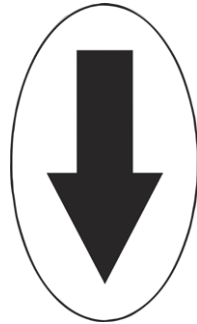




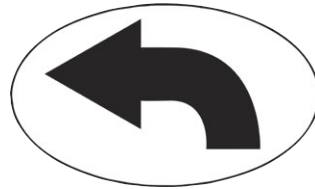


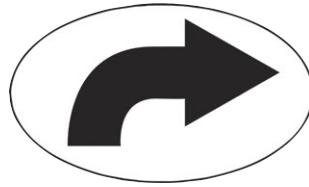
CLEAR

PAUSE

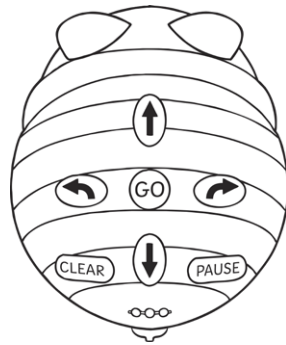


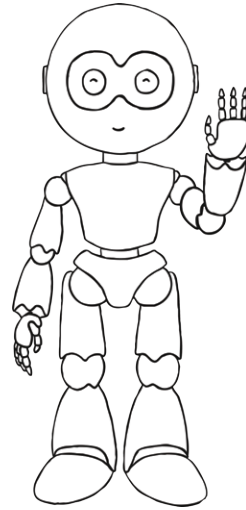


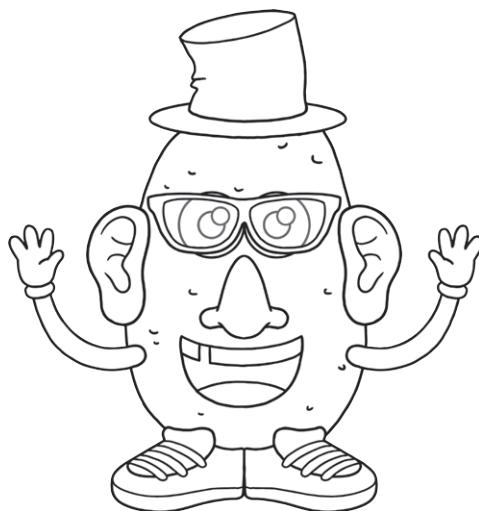




GO

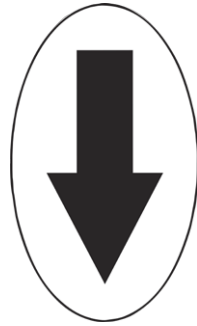




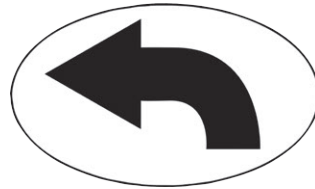


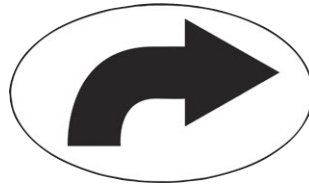
CLEAR

PAUSE

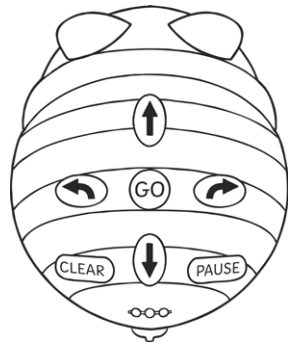


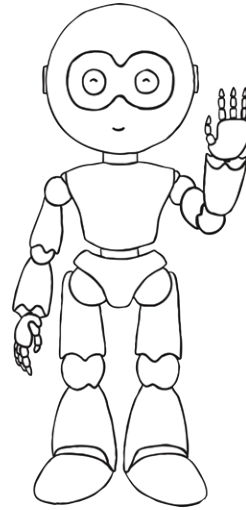


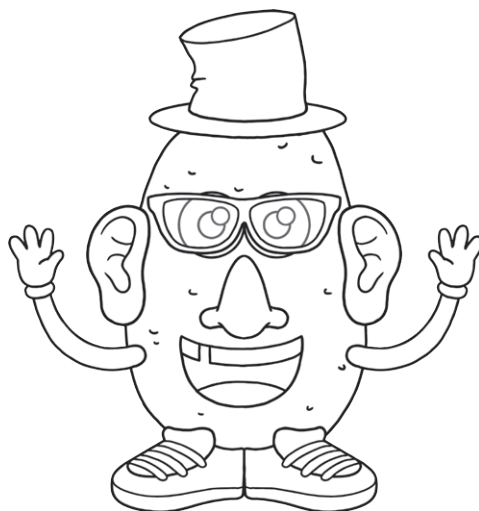




GO

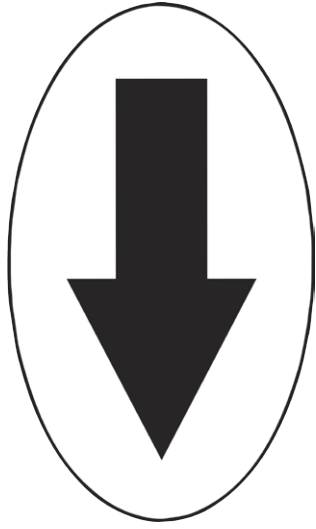




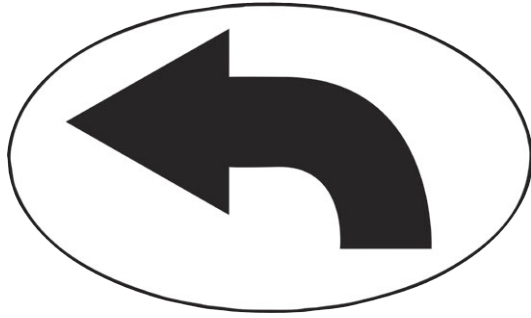


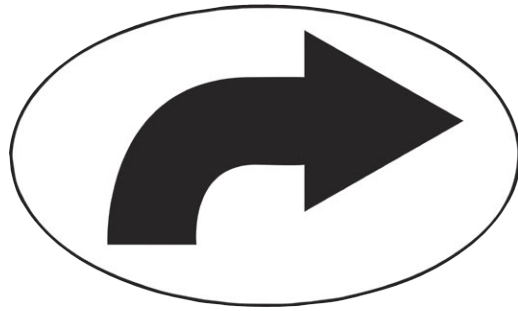
CLEAR

PAUSE

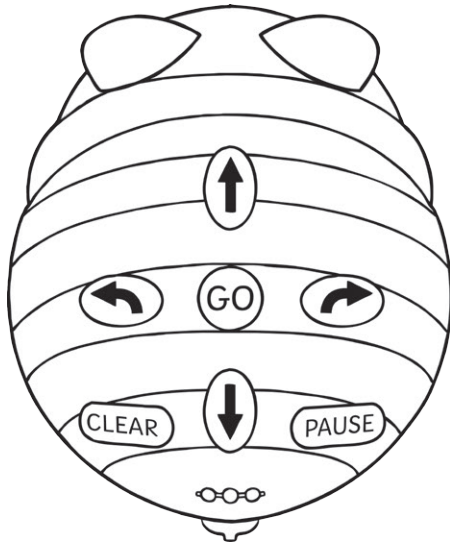


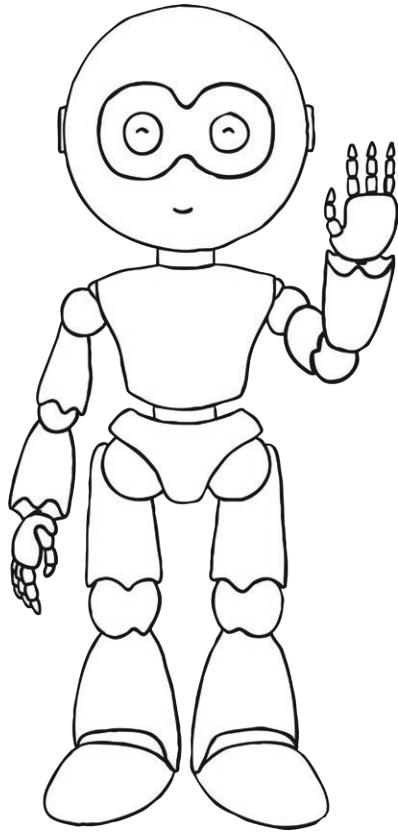


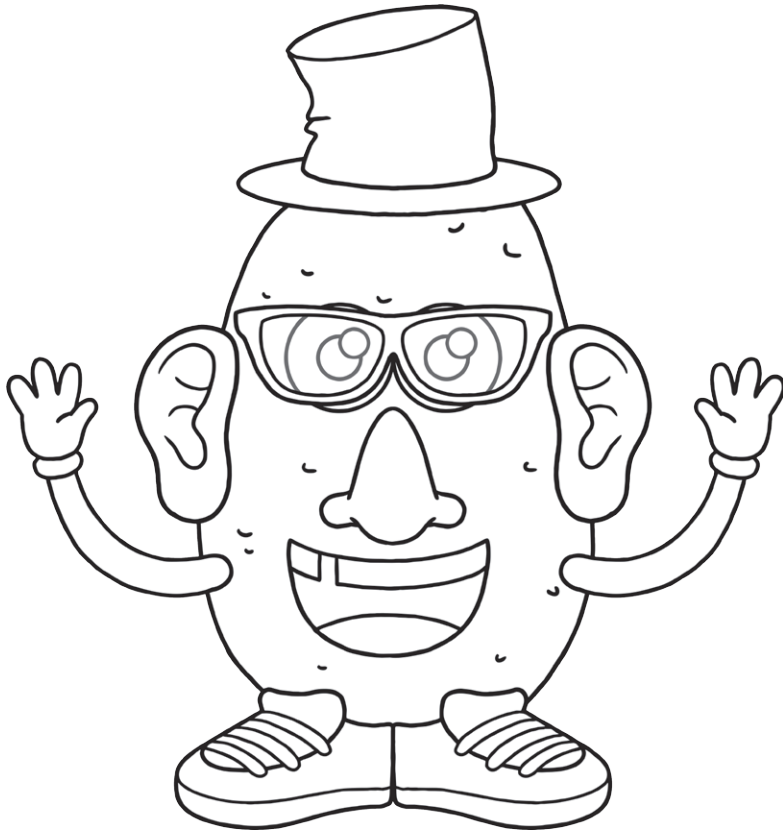






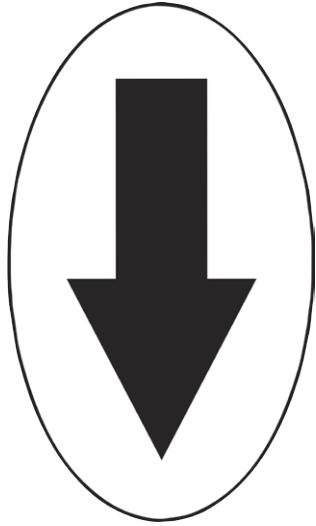




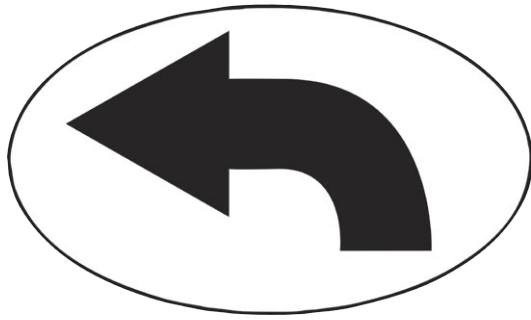


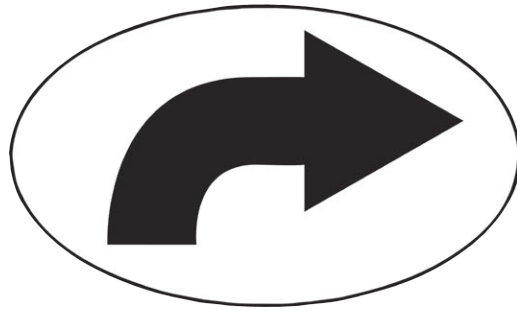
CLEAR

PAUSE

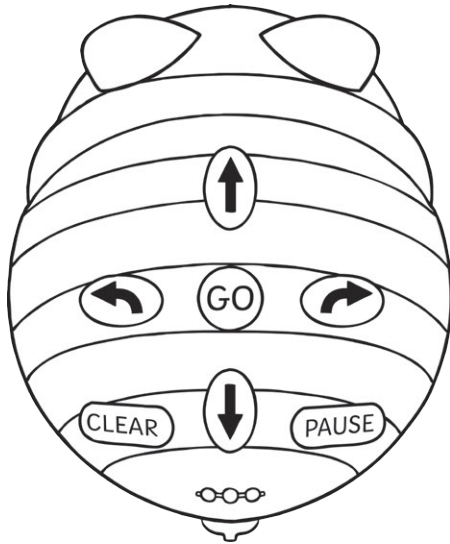


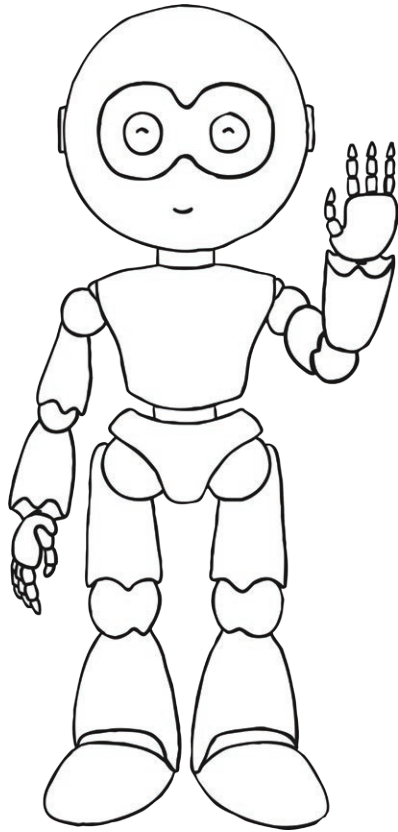


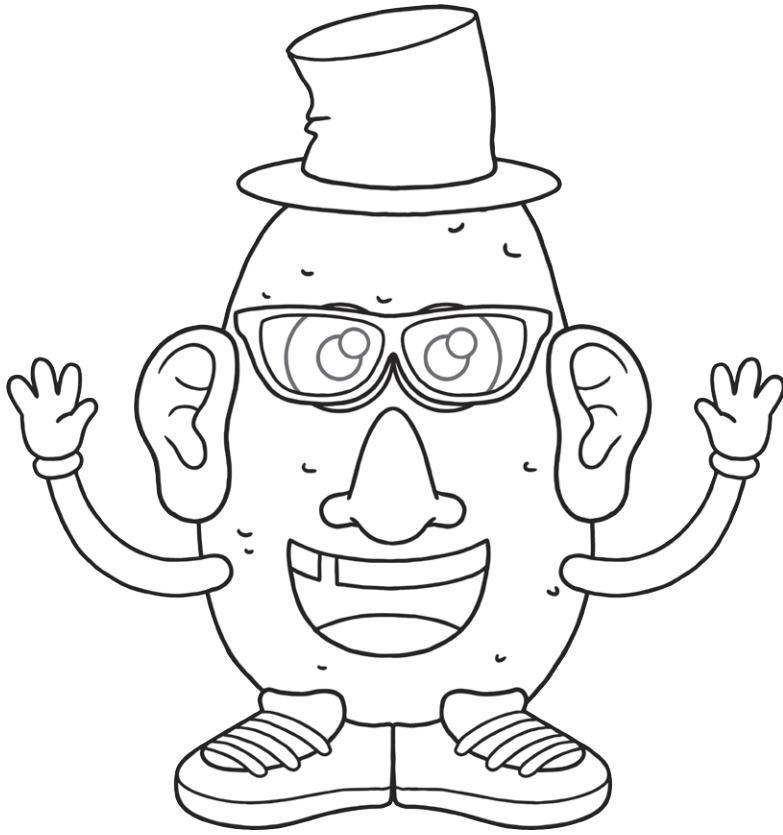






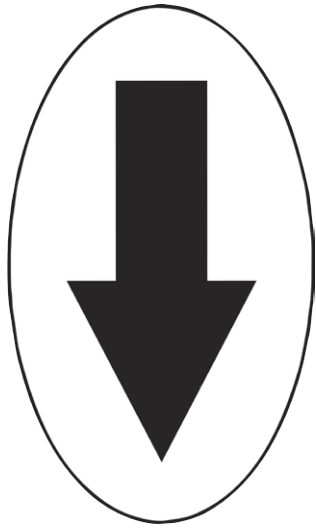


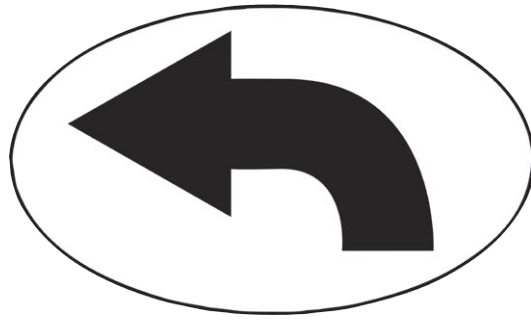


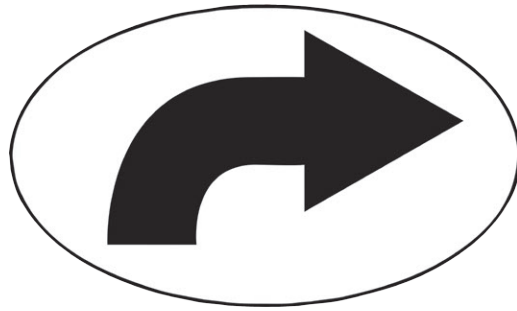


CLEAR

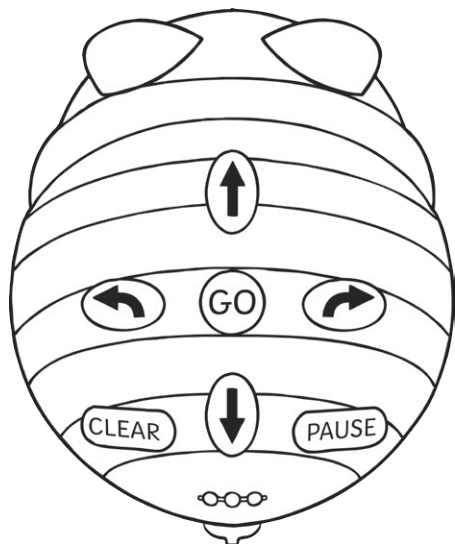
PAUSE

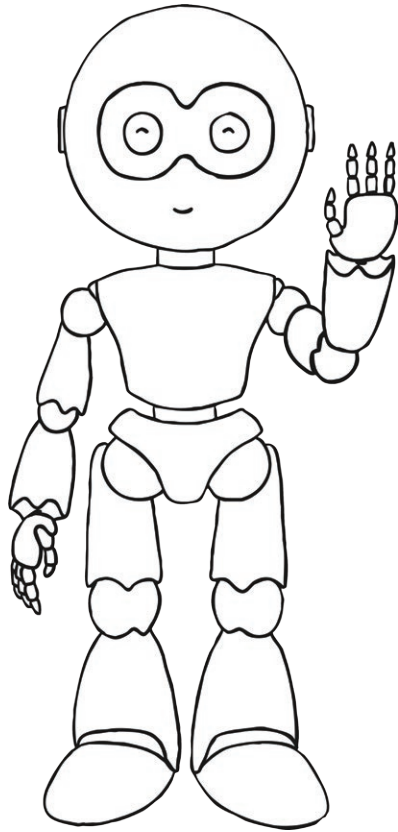


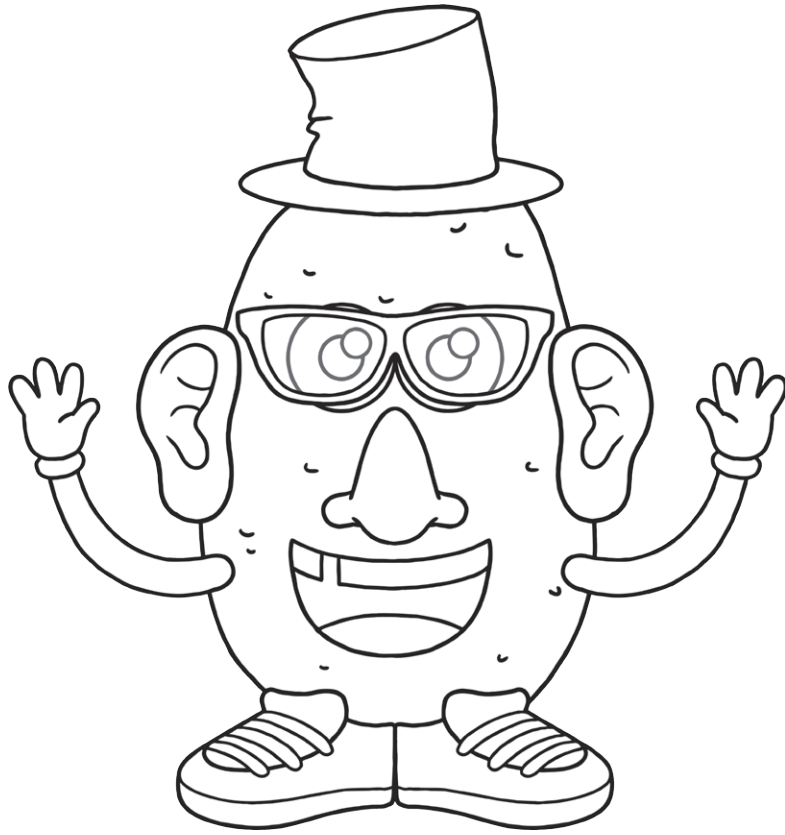










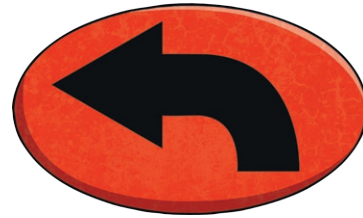


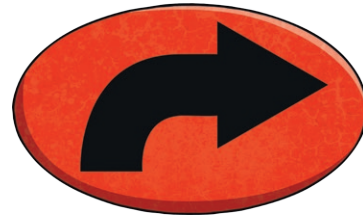
CLEAR

PAUSE



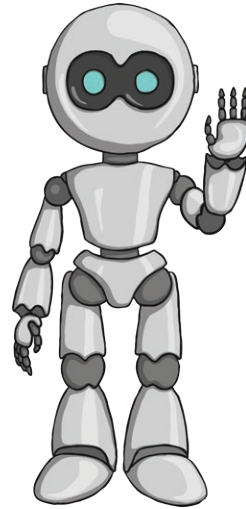


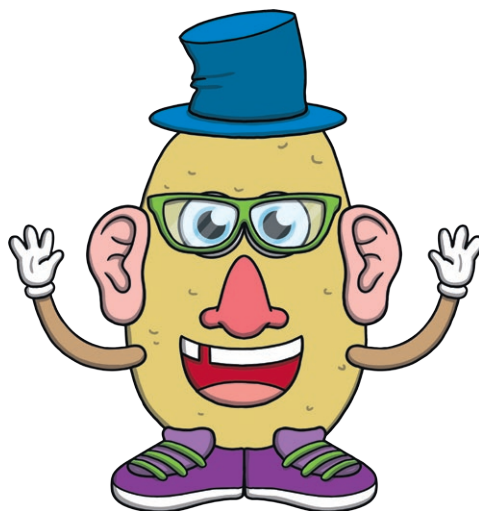












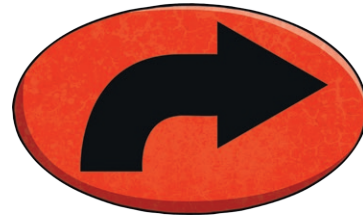
CLEAR

PAUSE



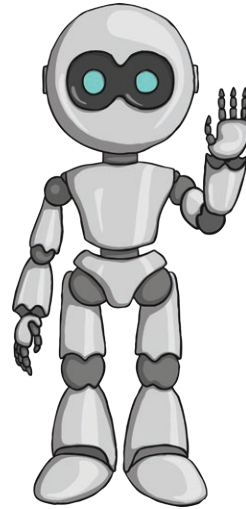


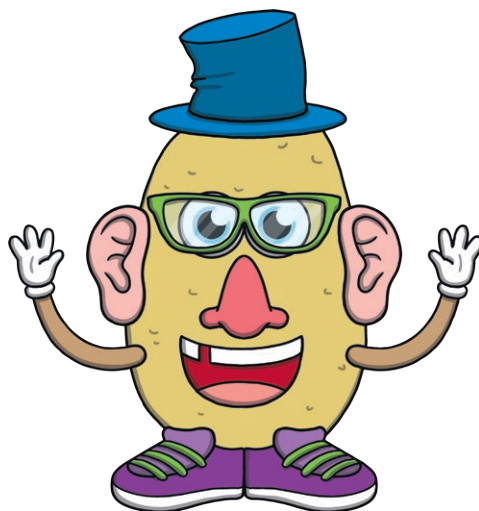










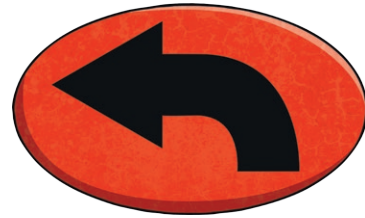


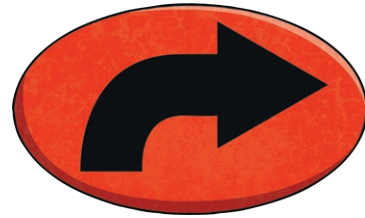
CLEAR

PAUSE



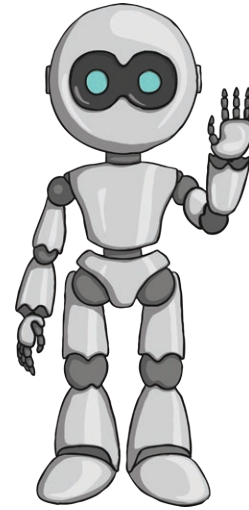


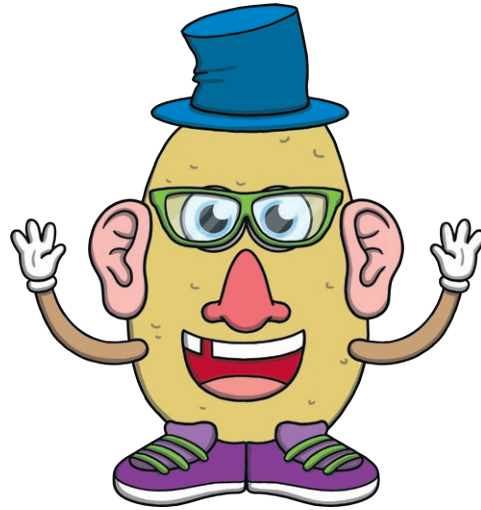










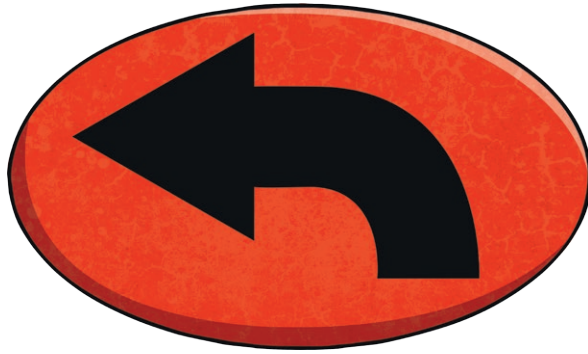


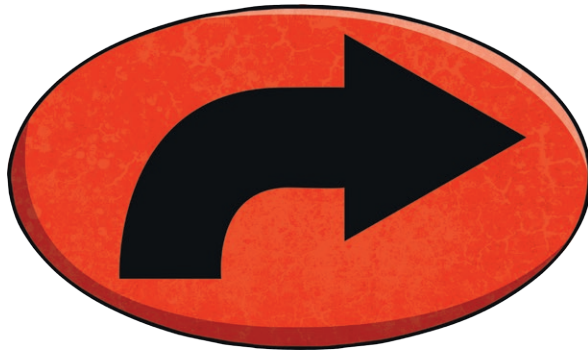
CLEAR

PAUSE

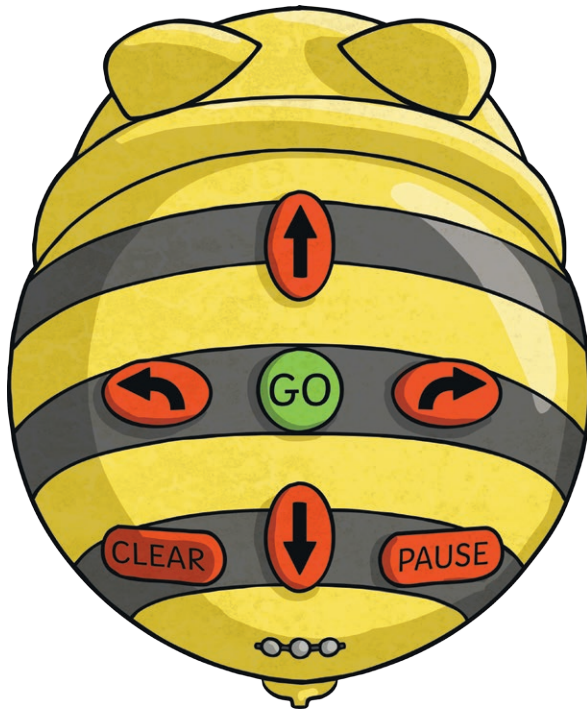


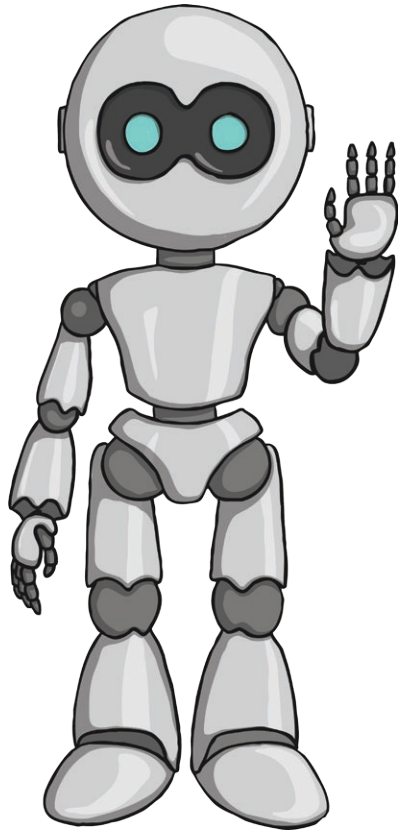


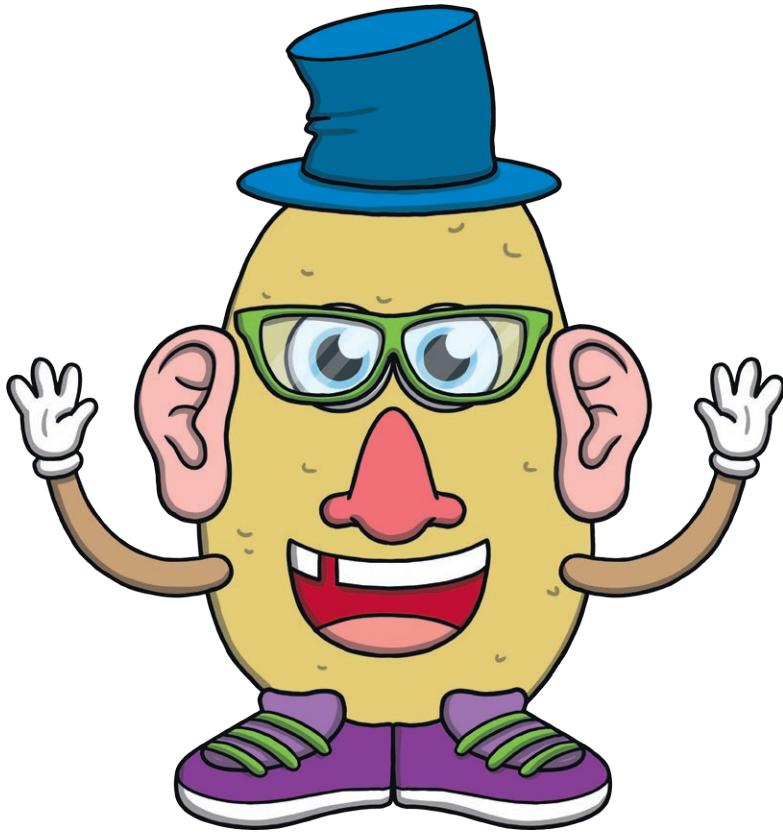










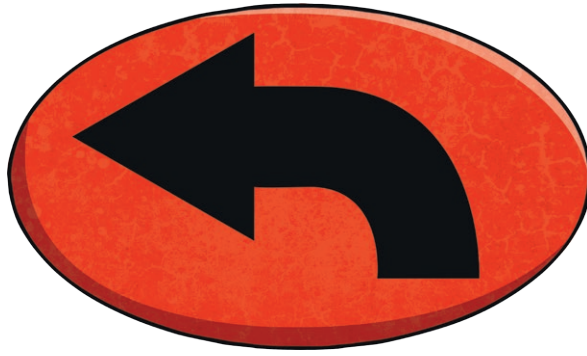


CLEAR

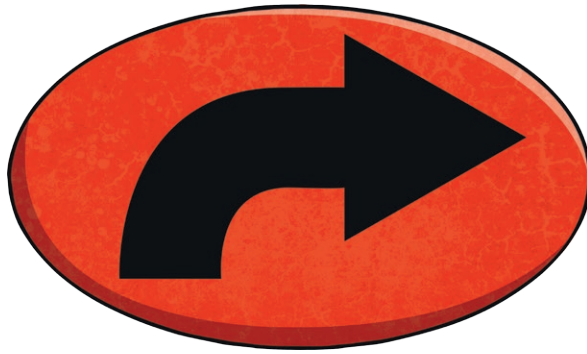
PAUSE





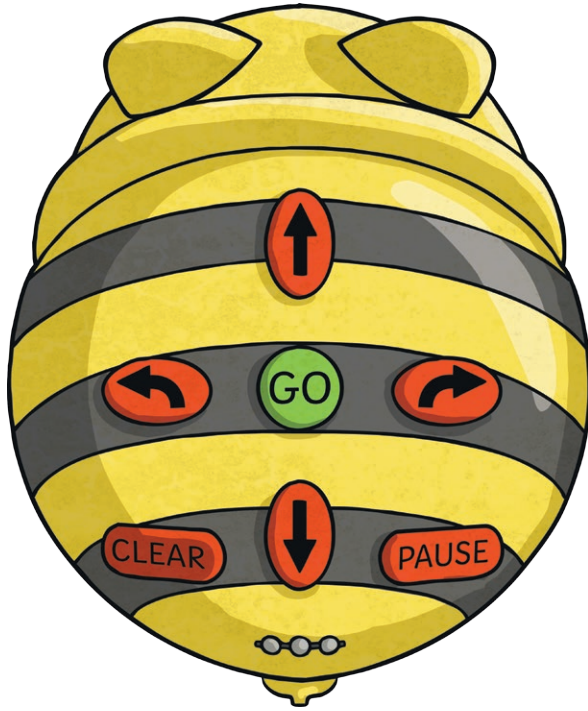


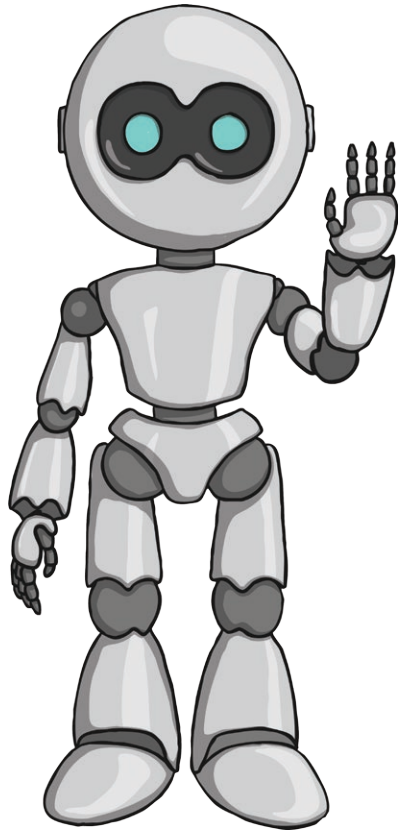
A series of horizontal lines for writing, consisting of 12 lines spaced evenly down the page.

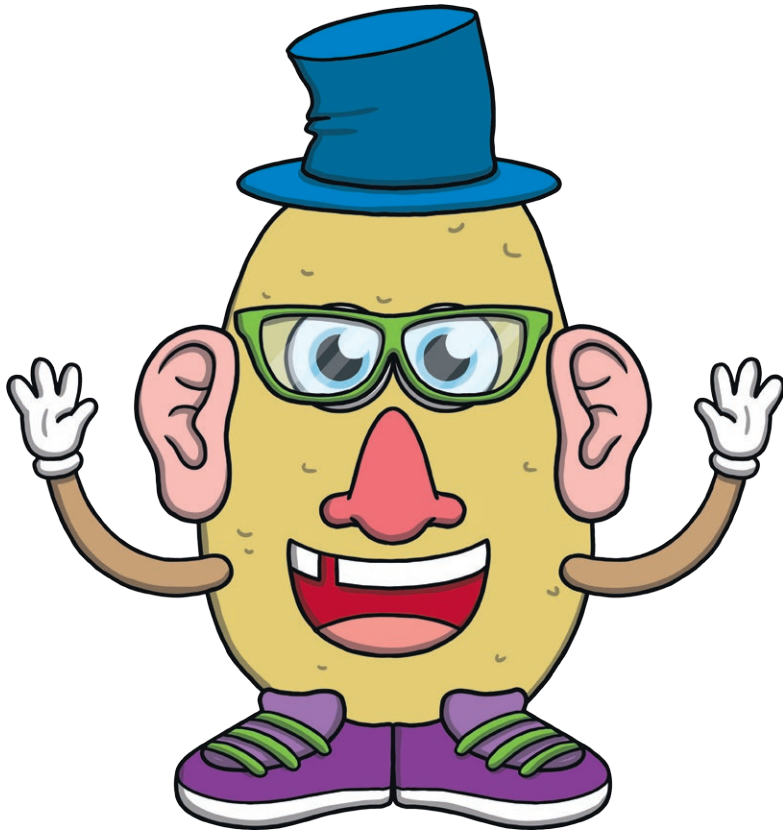




A series of 16 horizontal lines spaced evenly down the page, providing a template for handwriting practice.







CLEAR

PAUSE





