



30 MINS



PENCILS + PAPER (OR USE A DIGITAL ART APP IF YOU HAVE ONE)

## Designing Better Bikes

CLICK [HERE](#) TO WATCH THE VIDEO INTRODUCTION FOR THIS ACTIVITY

Bicycles have been around for centuries and although there have been many different designs over the years, the reasons people ride them have stayed the same; **to get about and have fun!** The bikes on Page 2 are all designs from the Victorian era.

**Task:** Give each bicycle on Page 2 a **score out of 10** for **comfort, safety and style** (how it looks). No printer necessary, you can just write the scores on a piece of scrap paper. When you've finished, use your scores to answer these questions.

1. Which bike did you decide was the **most comfortable**? Why?
2. Which bikes were the **safest** and the **least safe**? What helped you decide?
3. Which design is your favourite? Which style do you like the **most**? Why?

**Challenge:** Design and draw a bike for the future that would get **top marks** for all three: comfort, safety and style. What features would you include in your design? A super comfortable seat and brilliant brakes? Would it be a tall bike or a small bike? Maybe a parachute to help you stop and a bell that sounded like an elephant to make sure everybody heard you coming? Let your imagination take charge! Use pencils and paper, or go digital! You can do this challenge on your own or work as a team with your family.

ASK AN ADULT TO TAKE A PHOTO OF YOUR DESIGN AND SEND IT TO YOUR TEACHER OR SHARE IT WITH SUSTRANS ON SOCIAL MEDIA. TAG [@SUSTRANSNI](#) ON FACEBOOK OR TWITTER AND USE [#STAYHOMESTAYACTIVE](#)

Example:



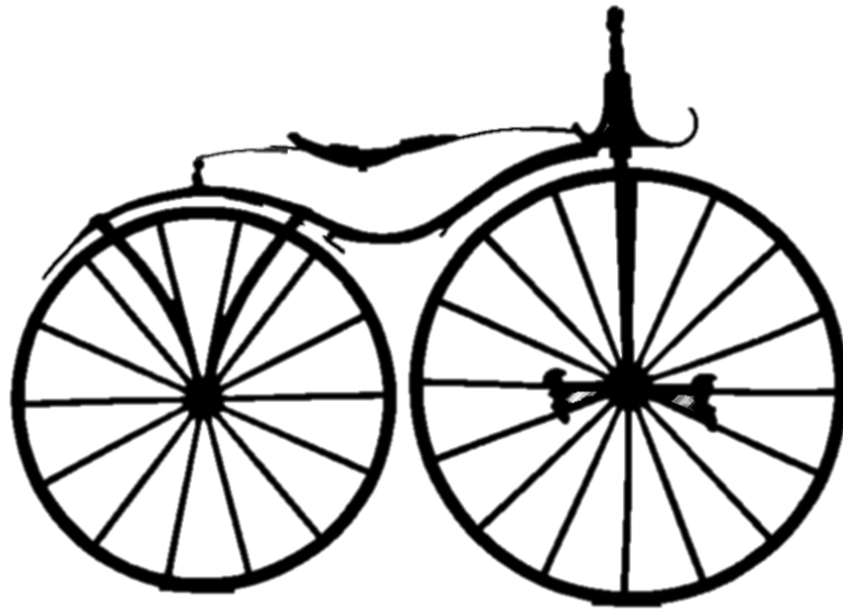
Comfort: 5 /10  
Safety: 2 /10  
Style: 8 /10



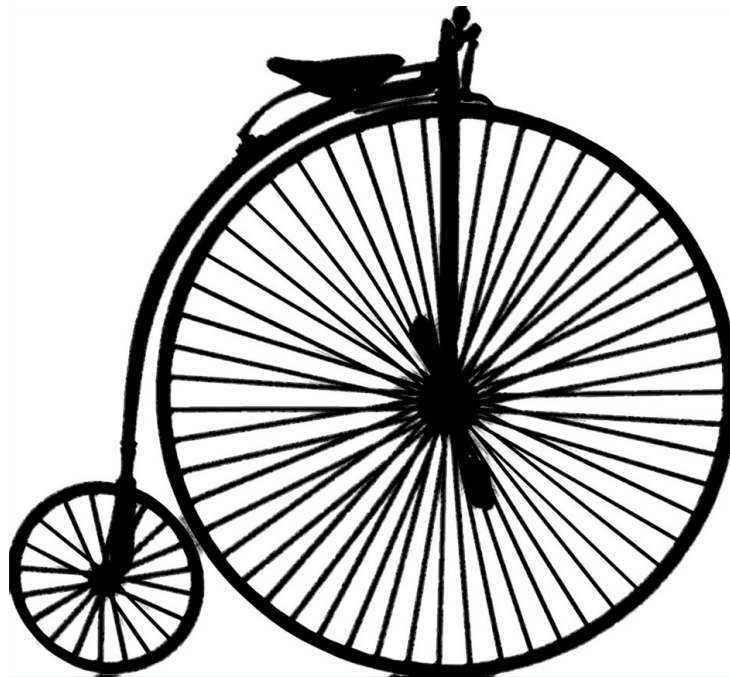
Enjoy this activity? Use [#stayhomestayactive](#) and tag us [@SustransNI](#) on [Facebook](#) and [Twitter](#)

The Active School Travel Programme is an exciting initiative for schools who wish to see more of their pupils choosing an active and healthy journey to school. The programme provides schools with the skills and knowledge to get more children walking, cycling and scooting as their main mode of transport to school. Find out more at [www.sustrans.org.uk/NIschools](http://www.sustrans.org.uk/NIschools)

VELOCIPED  
1816-1860's



PENNY FARTHING  
1869-1880's



SAFETY BICYCLE  
1880's-NOW

