

## Fun at home activity

### Make a mini bike sculpture

Design and make your own bike sculpture, inspired by the exhibition [Freewheeling: Cycling in Australia](#) at the National Museum of Australia. Let your imagination run free. Can you recall when you learnt to ride? Think about what bikes mean to you and how they help us move around, stay fit and have fun.

#### Time and difficulty

About 40 minutes, easy to complex, depending on materials and plans

#### What you need

- thin wire
- 4 plastic lids
- pipe cleaners
- drinking straws
- pliers
- metal pins, glue and tape
- hole punch or a hammer and nail



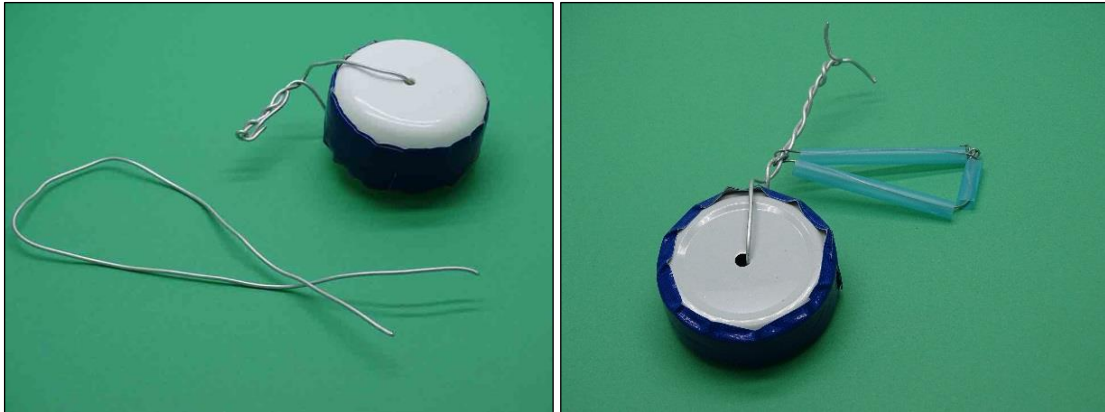
#### Steps

These steps are a guide. You can use any materials that you want! We used lids and wire but you can use paper and glue or craft wood and tape or other recycled materials from your home.

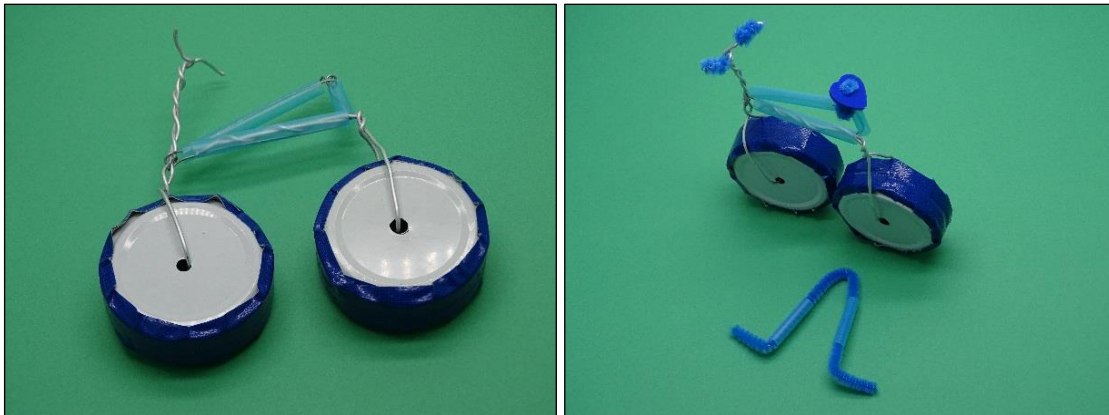
1. Explore different types of bikes on our [Freewheeling](#) website. Can you see the trike, dragster and penny-farthing in the picture of our creations above?
2. Gather your materials. Think about the parts of a bike – wheels, handlebars, seat and frame – and any extra parts to add to your creation.
3. If you are using plastic lids for wheels, ask an adult to put a hole in the centre of the lids with a hole punch or nail and hammer. We used two lids taped together to make one wheel.



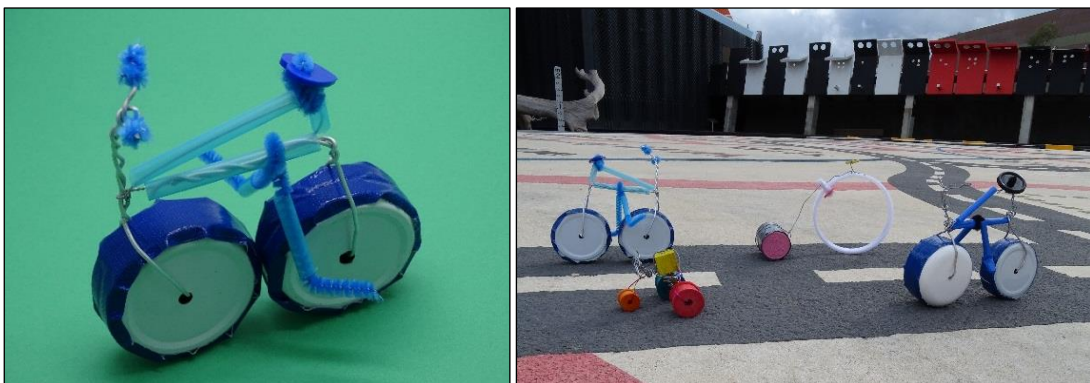
4. Insert wire through the hole in the wheel. Make a frame by bending the wire. Twist wire to join.



5. Thread pieces of straw on to another piece of wire to form a frame and handlebars. Attach the wheels to the frame by twisting the wire. Bend a pipe cleaner into a V shape to make pedals.



6. Attach the pedals by twisting around the centre of the frame. Fashion a seat and handgrips from pipe cleaners or tape. Play with your toy bike. Make a collection to share with family and friends!



**Share your creation.** Email a photo or video to [schoolholidays@nma.gov.au](mailto:schoolholidays@nma.gov.au) so we can see what you made. See what others have made at Discovery Space on our [Flickr stream](#)

[Try other fun at home activities on the Museum's website](#)