

# RAMP IT UP



GET LEARNING



30 MINUTES



IN THE CUPBOARD



## ▶▶ GETTING INTO THE ACTIVITY

Create a ramp and experiment with different objects to see which travel the furthest and what you can do to make the objects go even further.

Create a ramp by leaning a long piece of wood or cardboard against a worktop. Find a mixture of household objects that can roll such as balls, toy cars, sock balls, bottles etc. One at a time hold the object at the top of the ramp and let go. How far does each item roll?

Now make some changes to your ramp. Can you make the items roll further by changing the tilt of the ramp or the material you use for the ramp? What happens if you cover the ramp in bubble wrap or carpet? Do heavier items travel further than light ones? What's the furthest distance you can make an item roll after being launched from your ramp?

Keep experimenting and see if you can design the perfect ramp.

## ✔✔ WHAT YOU'LL NEED

- Long Piece of Wood / Cardboard
- Household Objects

## ! NOTES FOR PARENTS & CARERS

All activity should be supervised by an adult. Please make sure the space and equipment used is appropriate. Share a picture or video of your ramp with your BB group or post on social media using #BBatHOME.