

Modelling Activities

Guidance

The activities below can be completed with any recycling materials that you have available, such as cardboard tubes, shoeboxes and scrap paper. The activities are listed in order of increasing difficulty and we have provided some questions that you may wish to ask while carrying out the activity to prompt further discussion or investigation.

Construct a pair of binoculars.

- What can you see through your binoculars?
- What materials have you used to make them?

Design a new robot.

- What can your robot do?

Build a house.

- What materials did you use?
- How many rooms does your house have?

Build a treasure chest.

- What can you find inside the chest?
- Where is your treasure chest hidden?

Create an alien.

- Where does your alien live?
- What features does your alien have?

Construct a castle.

- What features does your castle have?

Design a maze.

- What is at the end of your maze?
- What obstacles are inside?



Take a picture while you do this activity and tweet us [@ClassroomSecLtd](https://twitter.com/ClassroomSecLtd) using the hashtags [#CSKids](https://twitter.com/CSKids) and [#HomeLearningHero](https://twitter.com/HomeLearningHero) to be in with a chance of winning a month's subscription to [classroomsecrets.co.uk](https://www.classroomsecrets.co.uk).