

# Investigating How Shadows Change with Distance

You will need:

- Torch
- Ruler
- Pencil
- A glue stick
- A square of card or another opaque object with plain edges to cast a shadow.

Place your object on the number 1 spot, shine the torch from the torch place and use the ruler and pencil to draw the edges of the shadow that is cast (label it 1). Do the same, moving the object to 2 and then 3. What do you notice?

