

# Curious Kids!

citylibraries



## Shadow Puppets - Challenge Sheet

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### The Challenge for all Curious Kids

- Science is looking, describing, and experimenting about the world around us.
- We are looking at a type of science called physics.
- Let's be physicists today and investigate light.
- Can you imagine, create, perform, and share a story using shadow puppets?

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### What do we need?

- White cardboard or cardboard printed with images to cut out
- Torch or phone light, straws or paddle pop sticks
- Pens, paper, scissors, sticky tape, glue.

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### Explore & Create

- Imagine and write your story: What story are you going to tell? Who is in it?
- Create your shadow puppets: Draw your characters on to the cardboard. Carefully cut out the images. Stick the cut-out onto a straw or stick.
- Shadow puppet show: Make the room dark. Shine the torch onto the wall. Hold up your shadow puppets in the torch light. Can you see a shadow on the wall? Why is there a shadow? Make the puppet go close to the torch.
- Tell your story with your shadow puppets.

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### Question to Ask & Words to Use

- Who knows about light? Where is light coming from here?
- What will happen if you put something in front of the light?
- Light, dark, shadow, sun, thinking, scientist, physics

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### Show & Share

- Perform your shadow puppet story to your friends.
- Show them how the shadow can change if you are close to the torch.
- Where else have you seen shadows?