

Superhero Call Signals

Shadows Experiment



Have you ever seen a superhero signal up in the sky on TV or in a film? Sometimes, when people need a superhero's help, they'll use a giant torch to shine the hero's logo up into the sky so that the hero knows they're needed. For this fun shadows experiment, you'll be doing the same! Use your own superhero logo as a call signal.

You Will Need

- printed superhero logo templates
- pens or pencils to decorate
- scissors
- torch



Instructions

1. Draw a superhero logo onto the printed templates. You'll want to keep the design simple (e.g. a letter to represent your superhero's name) so that it's easy to cut out. Alternatively, you can use the example call signal given.
2. Cut around the template shapes (this is an appropriate time for simple cutting practise for children learning to use scissors). For the shapes on the inside, an adult should cut around the logo shapes so that there are gaps for a light to shine through.
3. Once you're happy with your superhero logo shape, go into a darkened room and shine a bright light source, such as a torch, onto a wall or ceiling. Place the call signals in front of the light to create shadows on the wall that show the shape of your superhero logo.

Great work! Can you make the call signal shadow bigger and smaller on the wall? What other objects could make interesting shadows on the wall? Can you make fun shadows with your hands?

We hope the information on our website and resource is useful. However, some ingredients and/or materials used might cause allergic reactions, so if you have any concerns about your own or somebody else's health or wellbeing, always speak to a qualified health professional. Remember, activities listed within the resource should always be supervised by an appropriate adult.



