

Zero to Hero Theme Lesson (Science)

## ZERO TO HERO SCIENCE

### Lesson 2 To know that fire has been used throughout history for heat and light

You will need:-

- Images 1 - 3 (provided)
- Access to website about fire safety

#### Fire, Fire!

**i** Begin by asking your student for ideas on how you can make fire without matches. Talk with your student about the uses of fire and how fire can be used for cooking, keeping us warm or providing light. Discuss how these were all important uses of fire, especially in the past. Look at the images provided. Make the following points:-

- A very long time ago people cooked on open fires and used open fires to keep warm and continued to do so until quite recently.
- Not so long ago, people cooked on a range where a fire was used to heat the oven. They did not have central heating, gas or electric fires. People burnt coal or wood and the fire had to be cleaned out and remade each day.
- Before electricity was invented, people used candles, oil lamps, and later, gas lights as a source of light. They all gave light from a flame and were fire hazards. For example, if a candlestick or oil lamp was knocked over or if the flame was too close to something a fire could start. Once Thomas Edison invented the light bulb, it became a much safer way to produce light.

**▶ ◀** Have a discussion with your student about fire safety. There are lots of sources online about how to keep safe around fire and what you should do if you encounter a fire where it shouldn't be. Ask your student to produce a fire safety poster, explaining how fire can start and what to do if they find a fire.

@HOME







Name \_\_\_\_\_

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**My Fire Safety Poster**

