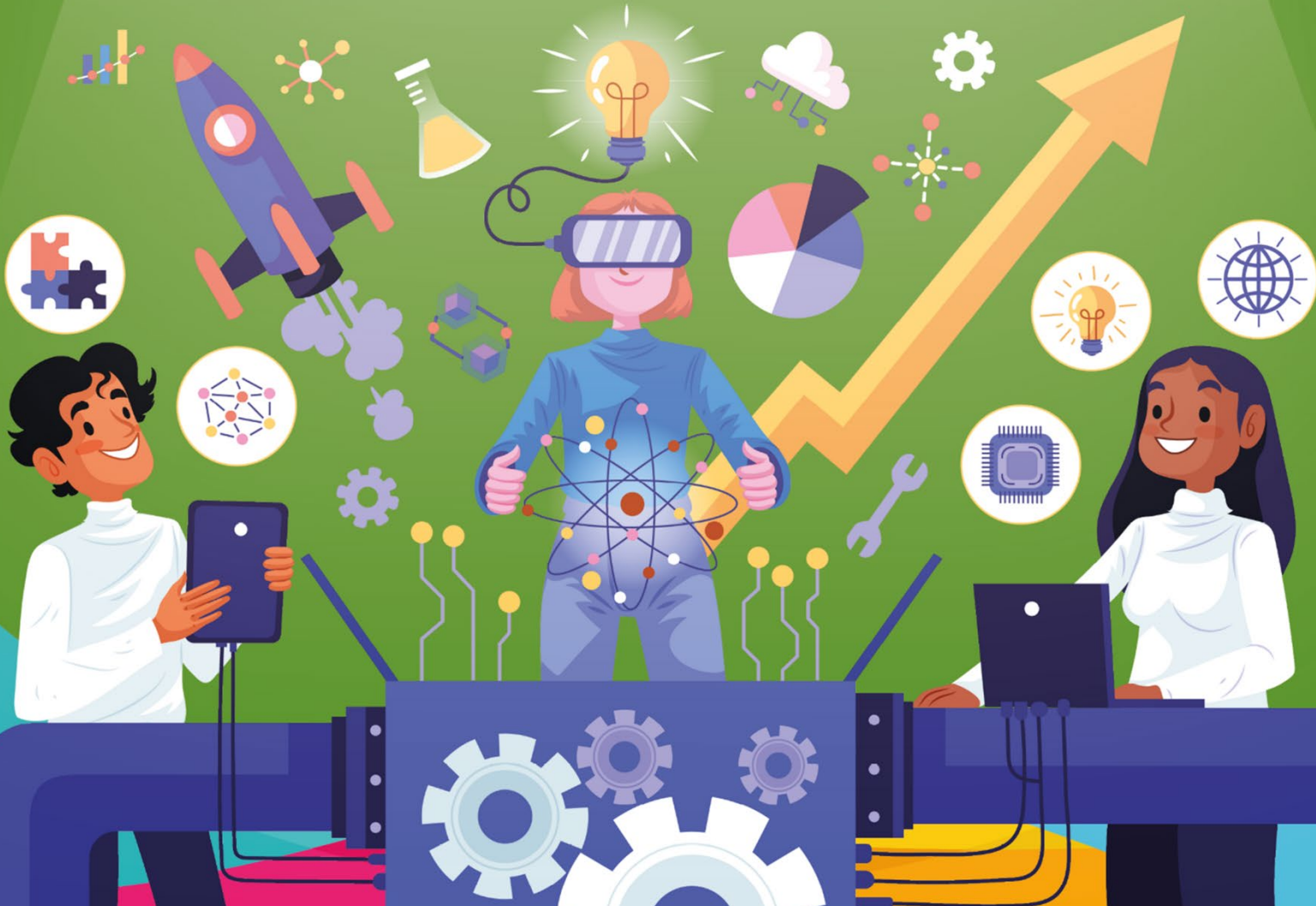# Science Lab

6

1. Fire up!

Topic: Heat, combustion and flammable properties of substances

Objective: Students will observe the parts of a flame of fire and the flammability of alcohol.

Vocabulary: combustion, flammable, flame

Materials:
- Alcohol-based antibacterial gel (hand sanitizer)
- A Lighter

Development:

- **Read and look at the pictures.**

Step 1. Put the antibacterial gel on a surface.

Step 2. Ask your teacher to help you light the gel with the lighter.

Step 3. With your hand, take the gel and observe that you do not burn.

VERY IMPORTANT NOTE: REMEMBER TO HAVE A CONTAINER WITH WATER AVAILABLE AND BE RESPONSIBLE. THIS ACTIVITY IS FOR STUDYING PURPOSES.
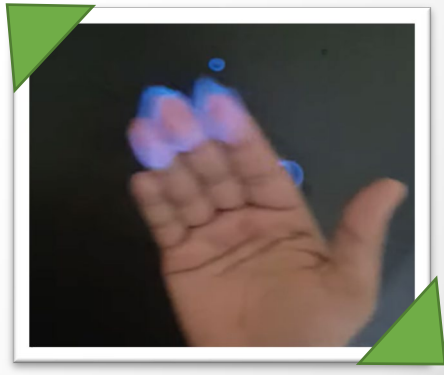
Step 1.

Step 2.

Step 3.

Step 4.

Tell us…

Read and answer the questions.

1. How many materials did you use? _____.
2. Why did you not get any burning? _____.
3. How long was your hand on fire? _____.
4. Can you explain what exactly prevented the burning? _____
_____.

Glue a picture of your project finished!

Fire up!

Glue your
picture here
:)

1. What was your favourite part of the project? _____.

2. What, exactly, did you like the most?
_____.

3. Extra notes on what you observed during the project. _____
_____
_____.

4. Can you see or apply the information from the project in real life? YES / NO
Explain: _____
_____.

5. Was it easy to get the materials for the project? YES / NO
Explain: _____
_____.