

Analysis Questions:

1. Fill in the following blanks using the word bank below:

WORD BANK			
Rubber	Heat proof surface	Close	Top
Orange	Air-hole	Collar	Blue

NOTE: this question refers to matches, we will always use a striker!

How to use a Bunsen burner

1. Connect the Bunsen burner to a gas tap using a piece of rubber tubing.
2. Put the Bunsen burner on a heat proof surface.
3. close the air-hole.
4. Light a match.
5. Put the lighted match over the top and turn on the gas tap. The flame of the Bunsen burner should be orange and irregular in shape.
6. Open the collar slowly. The colour of the flame changes to blue.
7. When not using the Bunsen burner for a while, close air-hole. This will change the blue flame back to a yellow flame. The yellow flame is the safety flame.
8. **Turn off the gas tap after use.**

2. What is the colour of the Bunsen flame when the air hole is:

- a. OPEN: blue
- b. CLOSED: yellow / orange

3. Label the Bunsen Burner:

Label the Bunsen burner

Use the phrases shown below to label the diagram.

