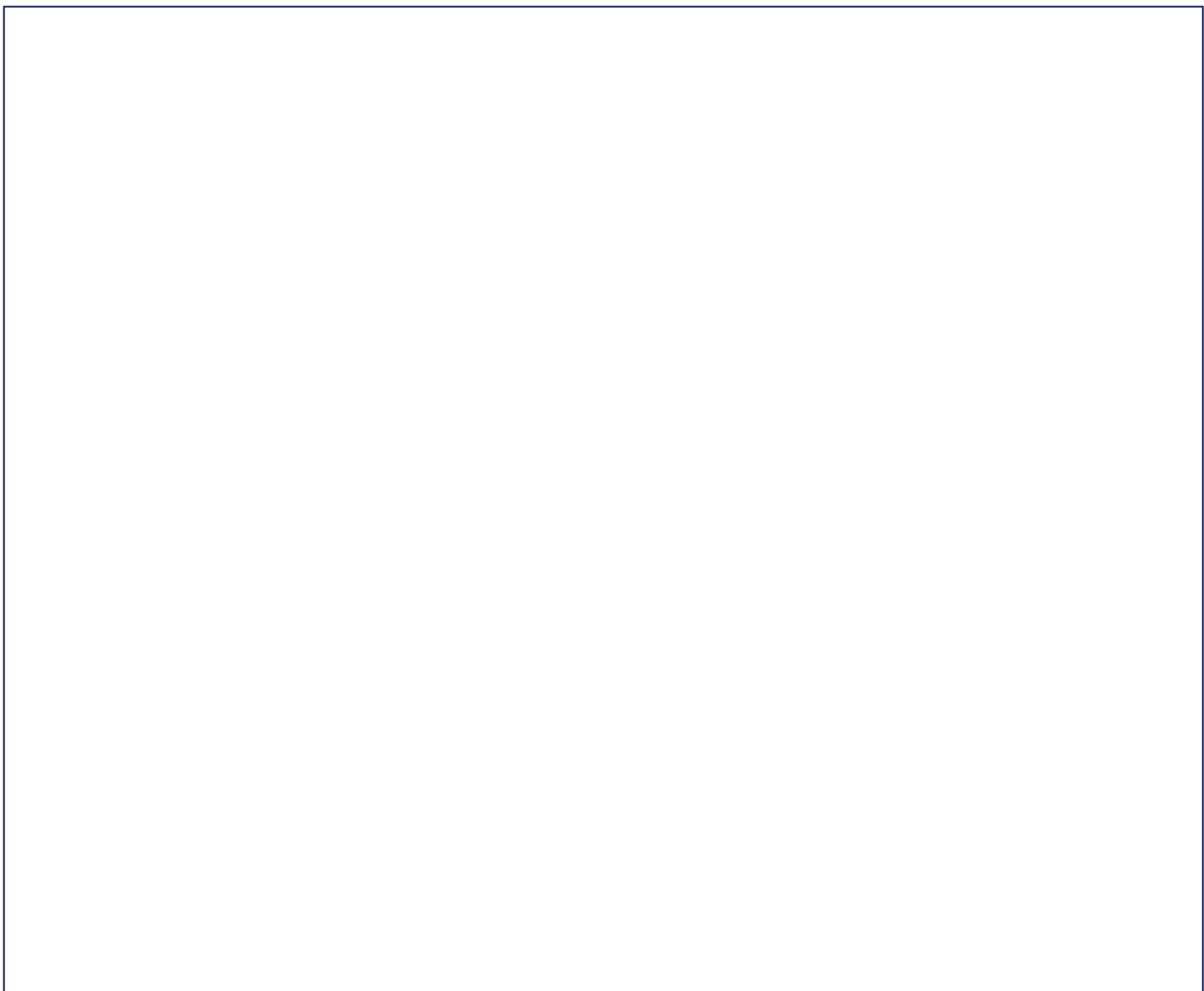


Finn's Volcano Explorer Guide

Learning objective: To identify and illustrate the key physical features of a volcano and understand the terminology used in geography.

Follow the steps below to create a detailed cross-section diagram of a volcano. Ensure your labels are clear and use a ruler for your lines.

Draw: Draw a cross-section of a composite volcano. Use a clean, scientific style. The drawing should show the internal structure of the mountain, including the subterranean magma chamber, the central conduit leading to the crater, and the external landscape. Use bright oranges and reds for the magma/lava, and dark greys for the rock and ash cloud. Ensure the labels from the word bank are clearly pointed to the correct parts of the diagram using straight lines.



Label words: Magma chamber · Vent · Crater · Lava flow · Ash cloud · Conduit

Steps:

1. Step 1: Draw a large, mountain-shaped cone in the centre of your page. Leave space at the top for a crater. Label the 'Crater'.
2. Step 2: Draw a large pool of molten rock deep underground inside your mountain and label it the 'Magma chamber'.

3. Step 3: Draw a vertical tube connecting the magma chamber to the crater. Label this the 'Conduit'.
4. Step 4: Draw a dark, billowing shape erupting from the top of the volcano and label it 'Ash cloud'.
5. Step 5: Define the difference between 'magma' and 'lava' in your own words based on your drawing.