**Igneous Rocks of Hawai‘i**

Follow the steps to make yourself a petal book of Hawai‘i’s igneous rocks!

1. Cut Figures 1 and 2 out along the outer bold lines.
2. Fold up each hexagon one by one on the dotted line of figure 1.
3. Apply glue onto the middle hexagon of figure 2.
4. Align the middle hexagon with title “Igneous Rocks of Hawai‘i” onto the “glue here” of figure 2.
5. Apply glue onto the middle hexagon of figure 3.
6. Align the middle hexagon with title “Igneous Rocks of Hawai‘i” onto the hexagon titled “Draw each rock type” of figure 3.
7. Use figure 1 to draw each rock type on the blank petals.
   Bend the tabs to learn about the different igneous rocks of Hawai‘i.

---

**Materials**

- Scissors
- Glue stick
- Color pencils

---

1. **‘A’a** is a rough, jagged, clinkery lava surface that forms when a fast moving flow cools quickly.
2. **Pāhoehoe** lava has a smooth, billowy, or ropey lava surface formed when a slow moving flow cools.
3. **Lava Bombs** are molten material that have been ejected from a volcano during an eruption.
4. **Cinder** is a glassy red rock formed when magma explodes into the air, oxidizes and quickly cools.
5. **Obsidian** is a hard, dark, volcanic glass formed when lava high in silica cools quickly, and hardens.
6. **Pele’s Tears** or **achneliths**, are formed when tiny droplets of lava is ejected from a lava fountain and cooled in the air.