Boom Goes the Volcano

Name: _____
Date: _____
Period: _____ Page: _____

Objectives:

1. Compare the different types of lava flows
2. Explain what ingredients lead to the most dangerous and explosive eruptions

Warning Signs of an Eruption:

1. _____
2. Swelling of Crust around Volcano
3. _____
4. Increases in temperature around volcano and water around volcano

Terms to know about Volcanoes:

- Viscosity: _____
- High Viscosity = _____ Low Viscosity = _____
- Honey has a **High or Low** viscosity Water has a **High or Low** viscosity
- Silica is the most common chemical found in Earth's Crust
- Silica is made of _____ and _____
- Because of silica's shape, silica traps gases very well.

Ingredients for an Explosive Eruption:

1. _____
2. _____
3. _____

Types of Lava:

Basaltic Lava	Rhyolitic Lava
• Rock: • Rich in: • Gases: • Viscosity: • Explosion Style: • Type of Volcano:	• Rock: • Rich in: • Gases: • Viscosity: • Explosion Style • Type of Volcano: