Die Entstehung magmatischen Gesteins

Ihr werdet jetzt die Entstehung dieser drei Gesteinsarten kennen lernen:

Basalt

Porphyr

Entstehung durch Vulkane

Granit

Entstehung tief unter der Erdoberfläche

Die Entstehung magmatischen Gesteins

Krakatau-Eruption, 23./24.11.2007

Die Entstehung magmatischen Gesteins

Krakatau-Eruption , 07.06.2009

Die Entstehung magmatischen Gesteins

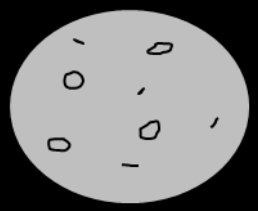
Krakatau-Eruption , 23./24.11.2007

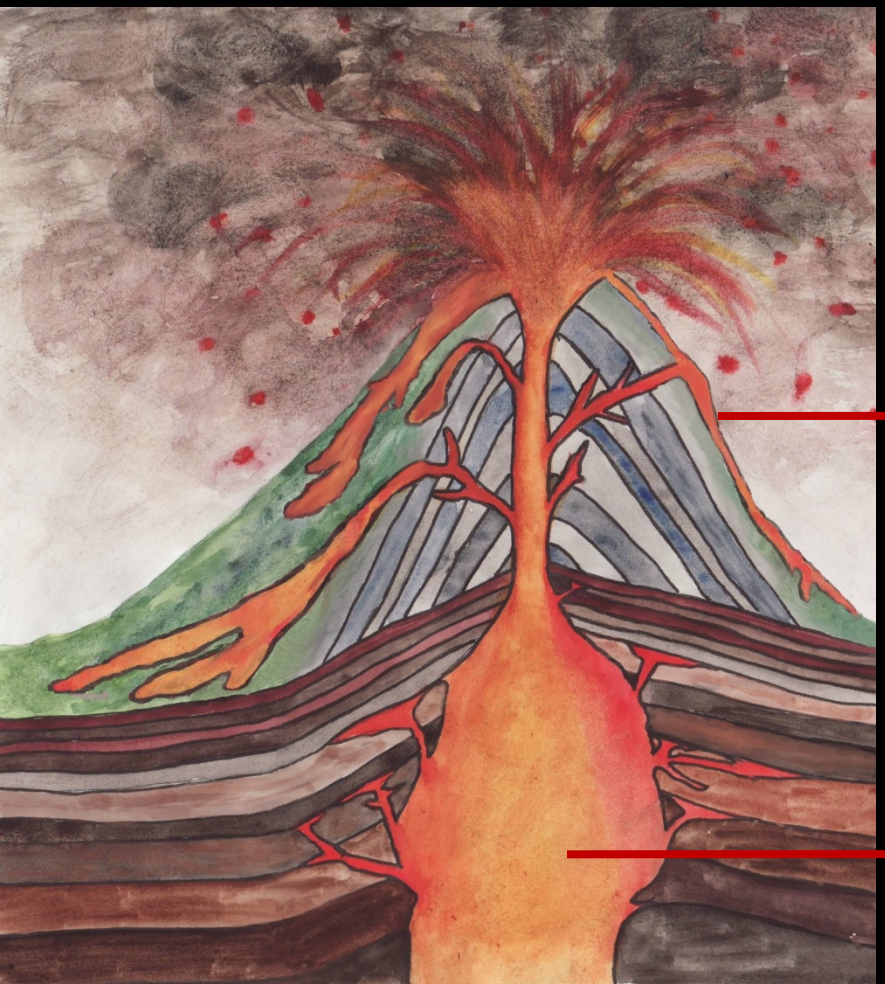
Gas
Asche
Lava-
bomben
Lava
Magma

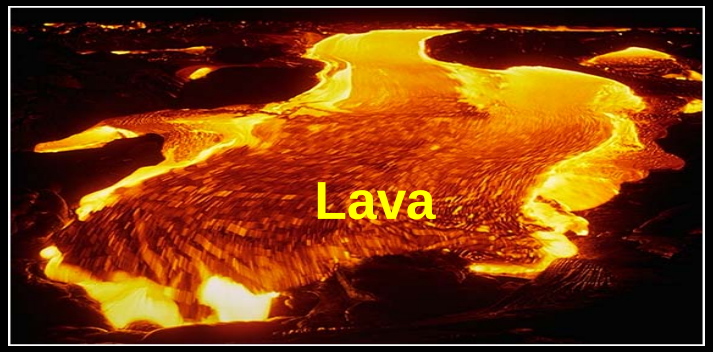
1

Basalt

Feste Lava

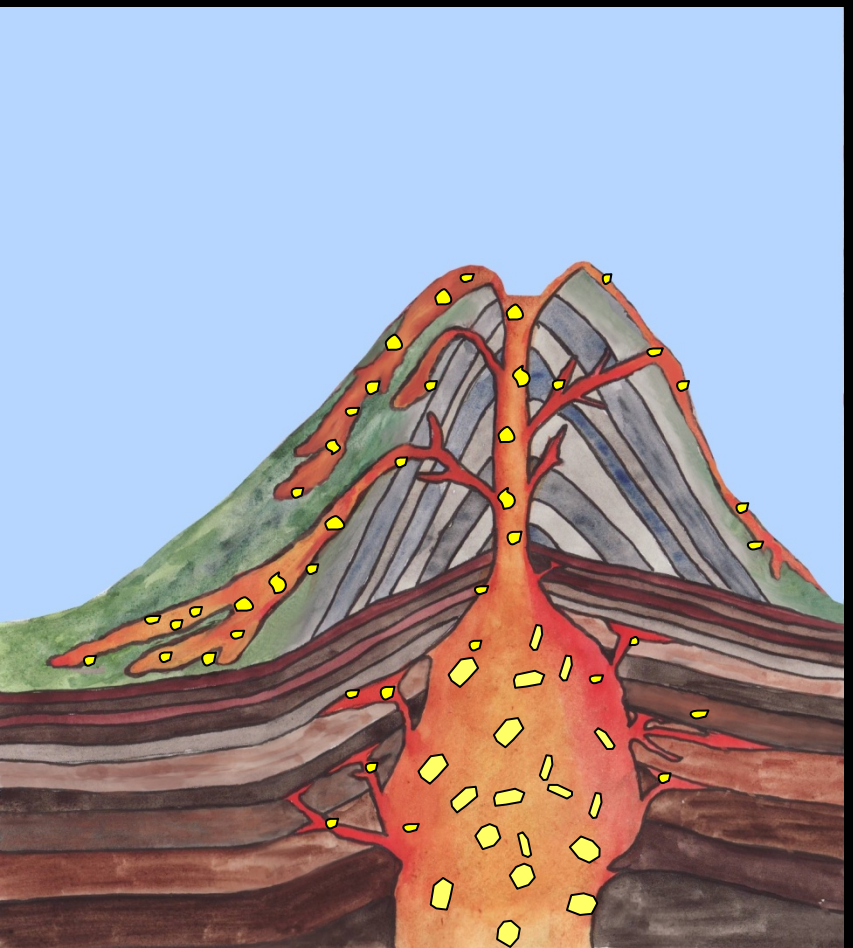




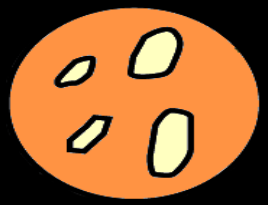


Magma

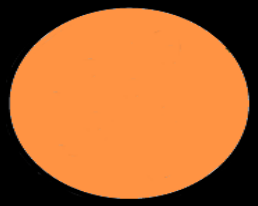
2



Kristalle wachsen



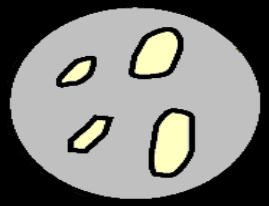
Magma



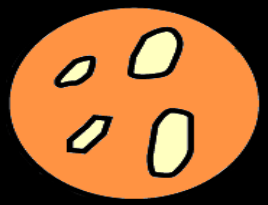
2

Porphyr

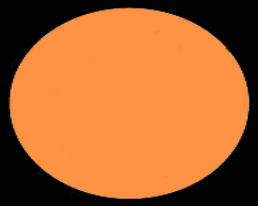
Feste Lava
mit Kristallen



Kristalle wachsen

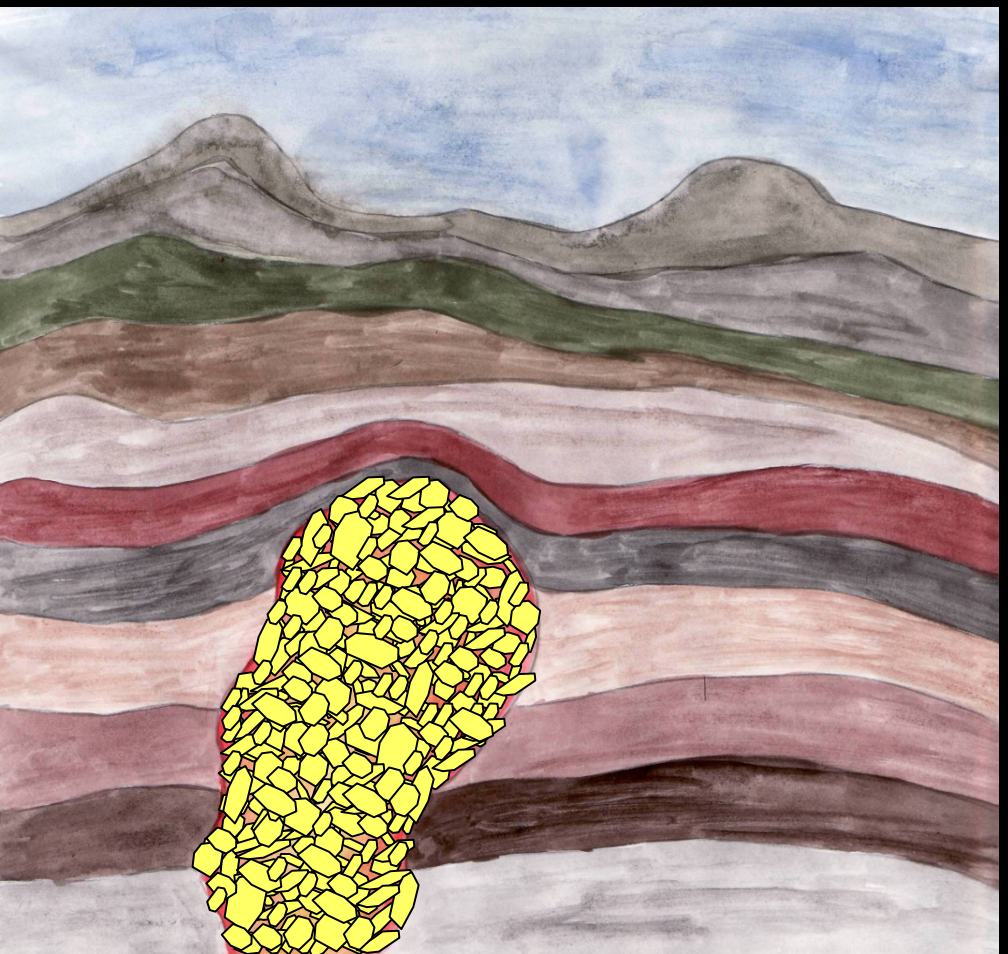


Magma

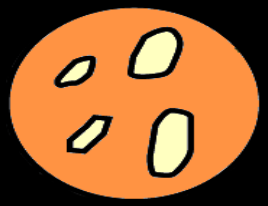


3

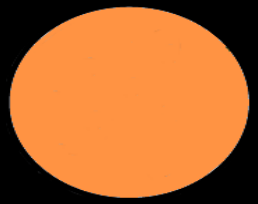
Granit



festes Magma mit großen Kristallen



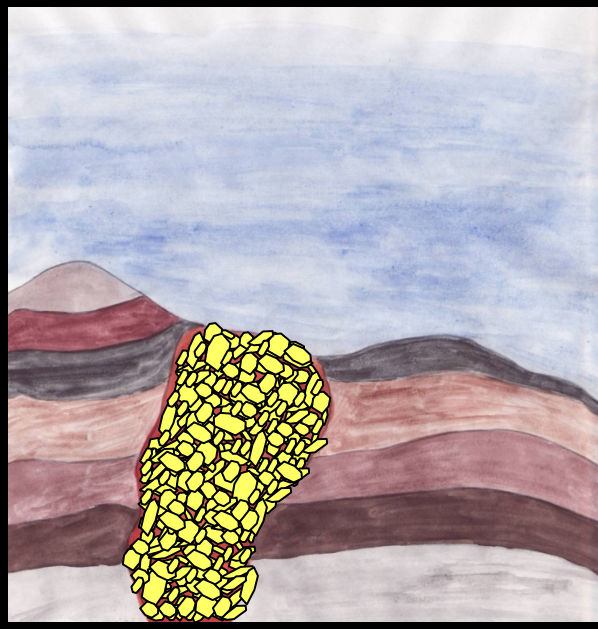
Kristalle wachsen



Magma

3

Granit

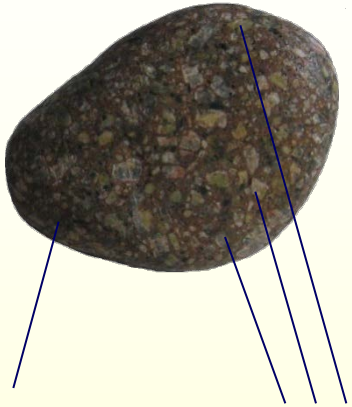


Die Entstehung magmatischen Gesteins

1 Basalt

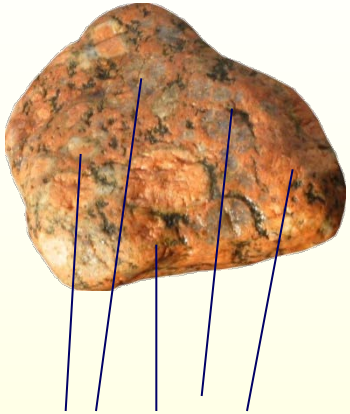
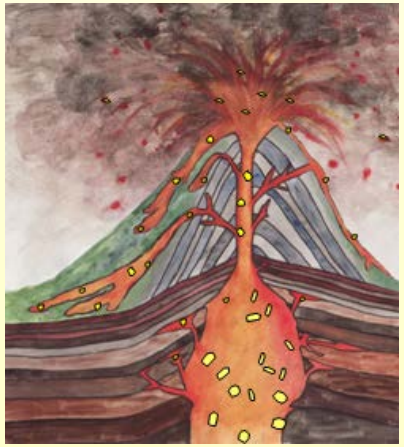
feste Lava

2 Porphyr



feste Lava + Kristalle

3 Granit



nur Kristalle