

## Bellringer REVIEW:

- What are the most dangerous mass movement of earth?
- What is the fastest type of mass movement/wasting?
- What is the slowest type of mass movement/wasting?

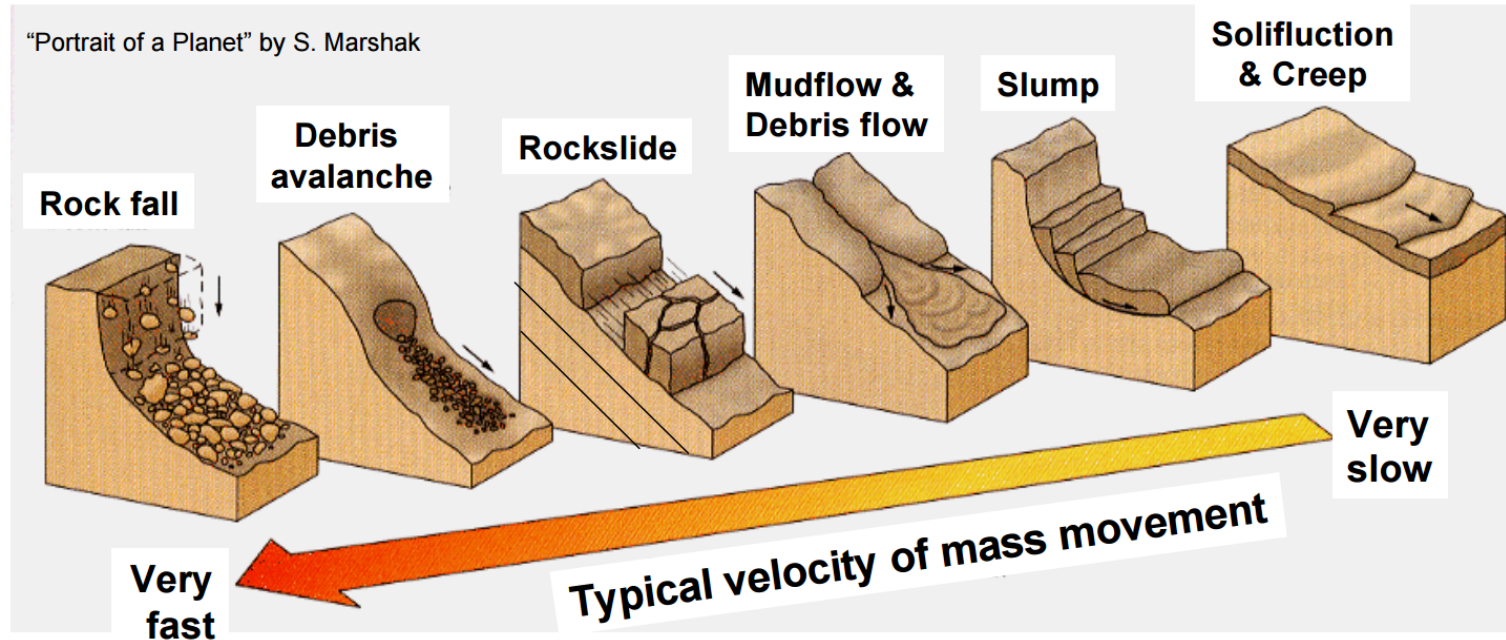
## Learning Objectives:

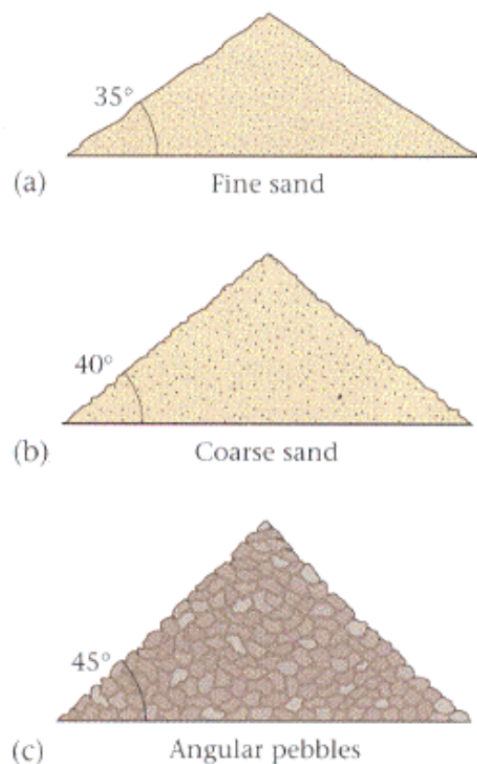
- I can determine the best environments for building a home.

## Check for Understanding Questions:

- What is the angle of repose?
- What can we do to improve building sites on hillsides?

# Types of Mass Movement





**Angle of repose:** The angle of the steepest slope that a pile of uncemented material can attain without collapsing from the pull of gravity. As this angle is exceeded, the slope will fail, causing mass wasting.

**FIGURE 16.16** The angle of repose is the steepest slope that a pile of unconsolidated sediment can have and remain stable. Angles of repose depend on the size and shape of grains. (a) Fine, well-rounded sand has a small angle of repose. (b) Coarse, angular sand has a larger angle. (c) Large, irregularly shaped pebbles have a large angle of repose.

## Check for Understanding Questions:

- What is the angle of repose?
- What can we do to improve building sites on hillsides?

## Learning Objectives: Did you accomplish them?

- I can determine the best environments for building a home.

## Self-Evaluation

- How well did you understand the material today?  
(1-Lost, 2- understand, 3-can teach it)
- How well did you and your team members participate in class?  
(1-didn't do anything, 2-Bare minimum, 3-fully participated)