

Team Teaching

Mass Movement: The Causes & Effects

Eithne Bean & Simon Mc Lean – Lucan Community College

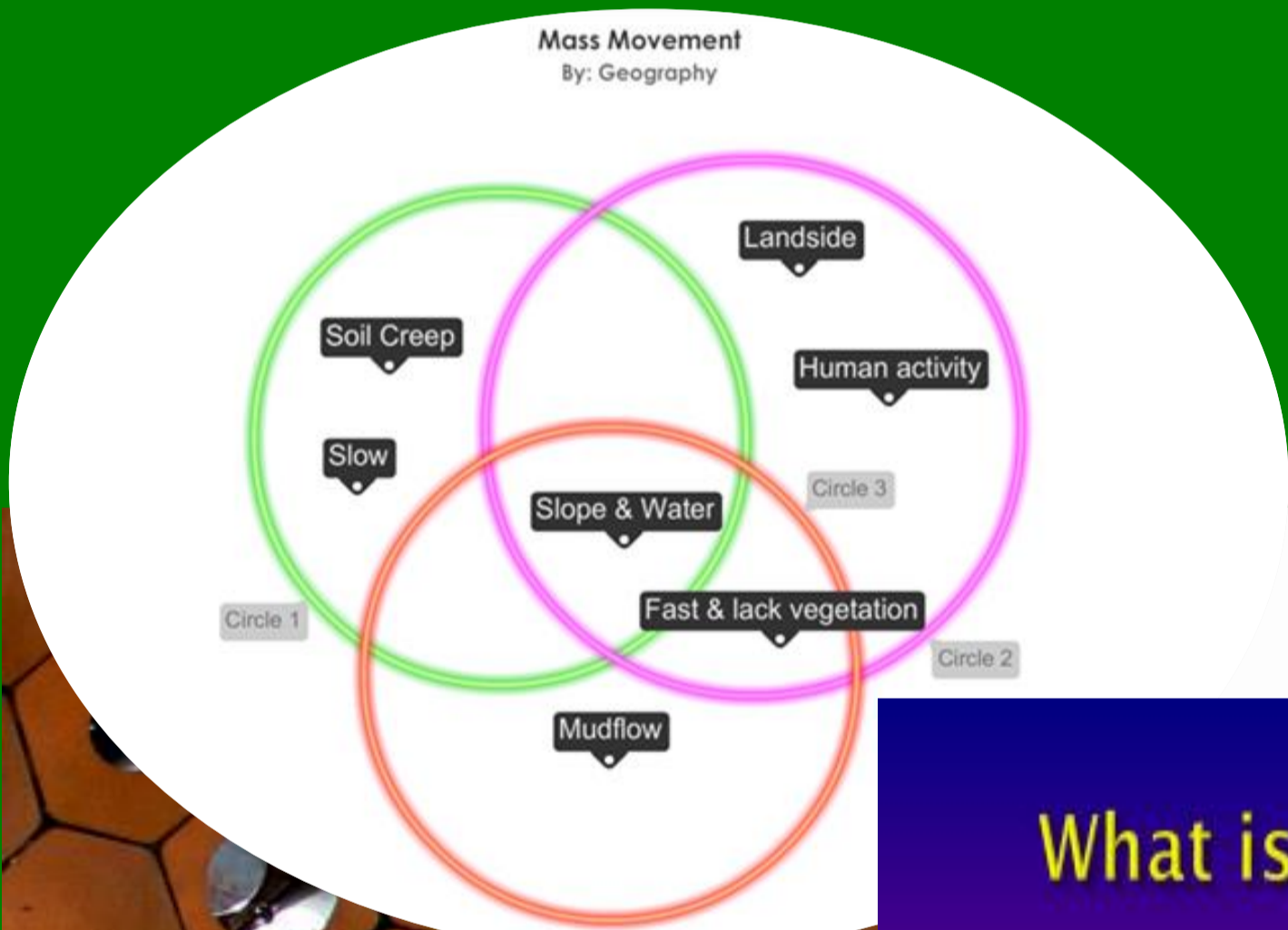
Resources

- Interactive white board.
- “Show me boards”.
- What happens next interactive activity:
http://www.phschool.com/atschool/phsciexp/active_art/mass_movement/

VIDEOS:

- <https://www.youtube.com/watch?v=JrV4uCVwmfk> – Summary.
- <https://www.youtube.com/watch?v=Q8bMLsf72gk>
- <https://www.youtube.com/watch?v=bBQ4TKOR-9E> – Which type of mass movement is this?

Venn diagram - Mass movement



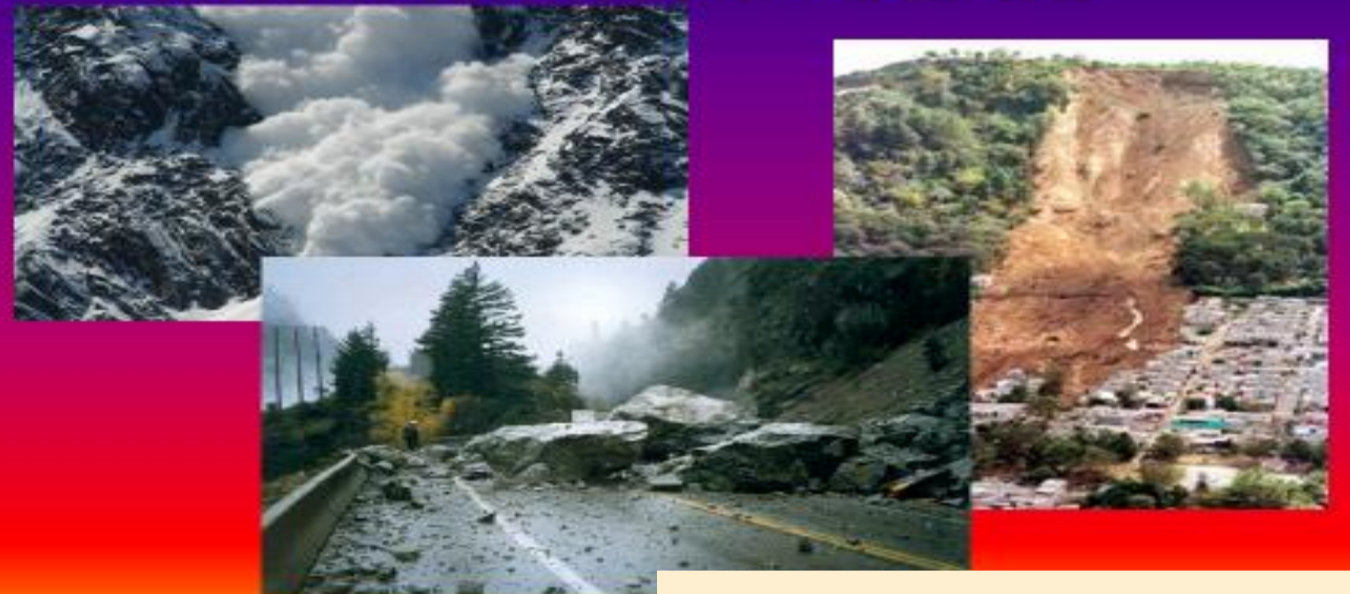
Evaluation & Feedback

- Students work in pairs to complete worksheet.
- Use “Show me” boards where students work in small groups to display information related to different aspects of the topic. Groups swap boards and correct with a different colour.

Assessment for learning

- Quiz on topic to see how well students understand the topic.
- Time management was an issue. Due to there being two teachers there was not enough time for all the activities within a 40 minute class.
- Well planned with good co-operation.

MASS MOVEMENT: THE CAUSES & EFFECTS



What is Mass Movement?

☐ Movement of loose material like soil, rock & mud down a slope due to gravity.

Loose materials - Rocks, soil & mud known as **Regolith**.

Avalanche



Landslides



Mass Movement - Characteristic Chart - Types of Mass Movement

WATER CONTENT	SPEED	
	SLOW	FAST
DRY		
WET		

SOIL CREEP

Slow movement of soil caused by water & gravity.

