

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title: Erosion and Transport**

**Group: 8\_0 Location: Date/Time: 2<sup>nd</sup> May/9h10 to 10h10**

**Learning Objectives: Students should learn:**

- to look at what happens when rocks are weathered and how they are transported.

**Learning Outcomes: Most students should be able to:**

- learn that when weathered the rocks fragments eroded, and become sediments grains transported by water, involving energy being dissipated.

**National Curriculum/Syllabus References (incl. reference to previous KS)**

Ks3 Biology, Exploring science text book (pages 84-85), Rocks and Weathering.  
NC 4.

**Links to other areas**

Literacy, visual, verbal and kinaesthetic learning styles.

**Previous assessment details informing this lesson.**

Discussion with class teacher and previous class observations.

**Differentiation**

By questioning

By use of stimulus material

By pace of the lesson and relevant use of starters

By support

By guided modelling

**Health and Safety**

Lesson safe for pupils.

## Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
3	Taking the register	Pupils will pay attention to the register.	Teacher planner	
10	Sharing lesson aim And introducing starter activity.	Pupils will be listening and write down the lesson aim about rocks erosion and transport.  The starter activity involves a crossword puzzle to recap last two lessons about weathering.  Going over the correction.	Small white board Crossword puzzle	Making sure that all pupils made the crossword puzzle.
10	Going through PowerPoint with the pupils about erosion and transport.	-Pupils will be listening -Pupils will also be writing key information about the topic when necessary.	white board Exercise books Computer Power point	Q+A
15	<b>Activity 1</b> Setting a practical game about the topic.	-Pupils will pay attention to teacher instructions about the game. Basically pupils will be used as part of a rocks erosion and transport demonstration. Some volunteers will be chosen to participate and class need to understand the game contents and ideas.	Computer Power point 4 pupils Pieces of rock. Ball with water	-

Secondary Science at Edge Hill

10	Going through power point achieving some main ideas about the game.	Pupils will be answer some Q+A understanding why that game to explain about sediments being transported by water, achieving some conclusions (e.g like energy being dissipated when sediments are being transported by the water).  Writing some notes if necessary.	Computer Power point White board	Assessing by Q+A
10	Setting and giving instructions for the plenary activity.	Pupils will need to write 2 of the most important things that they have learnt during this lesson and share with class and teacher to go over some of the answers.	Computer Power point	Assessment by checking who still struggle with the topic contents.
2	Packing away and get ready for next lesson.	Pupils need to start packing and cleaning lab to move to next lesson.	-	-

