

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Rock Cycle

Group: 8_Y Location: M21 Date/Time: 4th May/14h15 to 15h15

Learning Objectives: Students should learn:

- to look at how the rock cycle links together the processes of rock formation.

Learning Outcomes: Most students should be able to:

- to understand that the rock cycle links together the processes of rock formation.
- to describe how the rock cycle provides a continuous supply and transformation of Earth materials.

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

Ks3 Biology, Exploring science text book (pages 82-83), 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	
2	Receiving the planners.	Pupils need to hand in all their planners to the teacher.	Pupils planner	
10	Sharing lesson aim And introducing starter activity.	Pupils will be listening and write down the lesson aim about the rock cycle. The starter activity involves recapping naming the rocks in 30 seconds. Going over the correction.	Rocks examples. Stop watch Rocks table	
5	Giving instructions about all the activities.	Pupils will be listening and know that they will work by pairs in teams to complete the tasks, For each good task and behaviour pupils by teams will receive a sticky star to stick into their team cards. Best team will have a surprise.	Team Cards Stick stars	
10	Going over power point explaining about the rock cycle main ideas.	Pupils will need to pay attention to understand all the processes of the rock cycle.	Computer Power point	Q+A
10	Activity 1 Giving instructions to pupils make a rock cycle.	Pupils by teams need to complete a worksheet with proper rocks examples, building the rock cycle and label with the correct words. Going over the answers.	Worksheet Computer Power point	Assessing teams rock cycle worksheet.
10	Activity 2 Building a rocks cycle concept map.	Pupils will have a sheet with a diagram to complete by writing the correct names on the right boxes.	Computer Worksheet Colour pencils	Assessing pupils thinking skills.

Secondary Science at Edge Hill

6	Setting the plenary activity.	Pupils need to watch the screen and try complete the rock cycle by Q+A.	Computer Power point	Assessment individual learning.
2	Giving surprise to the best team.			
2	Setting instructions to pack away.	Pupils will clean all the benches and be prepared to finish the lesson.	planners	-