

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title:** All Change

**Group** 7\_O      **Location**      **Date/Time** 20<sup>th</sup> April/ 14h15 to 15h15

**Learning Objectives**

Pupils will learn...

- to look and describe at how some animals adapt to yearly changes in the environment.

**Learning Outcomes**

Pupils will be able...

- to identify animals and plants adapted to seasonal changes (e.g. A deciduous tree loses its leaves in winter, cactus open its flowers at night, bears hibernate during winter etc) in their habitats.
- to understand that adaptations may be to avoid climatic stress.

**National Curriculum/Syllabus References**

Ks3 Biology, Exploring science text book (pages 34-35) - All Change Topic. NC 5.

**Links to other areas**

Lesson will cross link with literacy knowledge as well pupils will have the opportunity to make some exercise (during plenary activity) related with science ideas. ICT used during the lesson. Citizenship approach when pupils understand the meaning and importance of environment for all living things to survive.

**Previous assessment details informing this lesson.**

Last lesson was useful to identify pupils' difficulties about the topic. I will develop and be aware of some strategies for one or two disruptive pupils.

**Differentiation**

Level 5 class. Variation on tasks to pupils be proactive as well develop further science knowledge in different areas (Q+A session, quiz, worksheet, exercise + science game etc). Different learning styles will be used create variety and opportunities for all class learn.

**Health and Safety**

Lesson totally safe for pupils.

## Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
3min	<b>Register</b>	Pupils will pay attention to class register.	Teacher planner	-
10  5-10	Checking last homework answers.  Sharing lesson aim and setting starter activity.	Some pupils will read their answers for class about describing their own habitat.  Getting pupils to know the lesson aim about how to look at how some animals and plants adapt to yearly changes in the environment.  For starter pupils will recap last lesson and consolidate new lesson ideas by answer a true or false quiz.	Computer Power point Exercise books White board	Effort to do and participate into task. Behaviour during the lesson.
10	Introducing new topic.	Pupils will understand why the true or false quiz by listen to teacher introduction about animals and plants those are adapted to daily and seasonal changes (e.g. cactus, bears, swallows and hedgehogs).	White board Computer Power point Exercise books	<b>Note:</b> I make sure that all pupils have written the notes.

5-10	Setting a worksheet task 7Cc explorer science files)	<p>During introduction class will write a main sentence that reflects the entire lesson topic.</p> <p>Pupils will have 5min to complete a worksheet about examples of animals to describe their environment and specific adaptations.</p> <p>Correction of the worksheet</p>	worksheet	-
4min	Watching a video.	Pupils will watch a Britain.com short video about plants adaptations. be marked.	Books computer	<b>Note:</b> Opportunity for the teacher check some misconceptions as well observe pupils behaviour.
10	Setting Plenary activity	<p>Pupils will have the possibility to go to school field to make a game that involves team work to match animals with the correct daily and seasonal adaptation as well the habitat.</p> <p><b>Note: If weather change pupils will have an alternative game in classroom.</b></p>	Cards Pupils teacher	Assessing class science knowledge.

## Lesson Evaluation

Lesson Rating – My Performance *(To be completed at the end of every lesson)*

<b>Criteria</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Unsatisfactory</b>
Knowledge				
Resources				
Lesson Objectives				
Behaviour Management				
Risk Assessment				
Differentiation				
Feedback to pupils				
Assessment				
Variety & Pace				
Level appropriate				
Visuals – high quality?				

General Comments (Improvements for your teaching and/or pupil learning)

Were your Outcomes Achieved? (Include details of Evidence)

Teachers Lesson Rating – *(To be completed at the end of every lesson)*

<b>Criteria</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Unsatisfactory</b>
Knowledge				
Resources				
Lesson Objectives				
Behaviour Management				
Risk Assessment				
Differentiation				
Feedback to pupils				
Assessment				
Variety & Pace				
Level appropriate				
Visuals – high quality?				

Teacher Comments