

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Seasonal and Daily Changes

Group 7_O

Location M21

Date/Time 25th April/ 11h25 to 12h25

Learning Objectives

Pupils should learn...

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

Learning Outcomes

Pupils should be able to

- identify animals and plants adapted to seasonal changes in their habitats.
- describe how animals adopt to avoid climatic stress.

National Curriculum/Syllabus References

Ks3 Biology, Exploring science text book (pages 34-37) - All Change topic, NC 5b.

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

Health and Safety

Lesson safe for pupils.

Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
2	Register	Pupils will pay attention to class register.	Teacher planner	-
3	Sharing lesson overview with pupils	Pupils will pay attention to lesson aim about to look at how some animals are adapted to some daily and seasonal changes. Pupils will write on books the lesson aim.	Small white board Exercise books	-
5	Giving instructions to students to complete entry activity in silence.	Pupils will be doing the entry activity individually in silence. The activity consists in identifying at least two daily and seasonal changes of some animals (e.g. camels and elephants).	Computer Power point White board books	Assessing by checking pupils answers during the lesson. Effort and participation into starter activity.
5	Go over answers to check pupils learning about the topic.	Pupils will correct the starter activity by answering to some of the teacher questions as a way to understand important topic concepts, leading to topic brief introduction.		Q+A
15	Going through PowerPoint with the pupils about daily and Seasonal Changes. Teacher and class feedback.	Pupils will listen and interact with teacher making reference to some key ideas about the animals adapting features to survive during daily and seasonal changes.	Computer Power point White board	Q+A
8	Showing some short videos about some animals' seasonal and daily changes that we spoke about it during the lesson to consolidate and reinforce the lesson aim (e.g. camels, elephants and polar bears).	Pupils will watch some videos about the topic to make them consolidate lesson aim by using visual aids.	Computer Video speakers	-

10	<p>Pupils will be given a worksheet on animals' seasonal and daily changes to complete and stick in their exercise books.</p> <p>Go over worksheet answers.</p>	<p>Pupils will be completing a worksheet on animals seasonal and daily changes Visual, kinaesthetic activity.</p> <p>Checking and correcting worksheets answers as one more way to understand the topic after topic introduction and class discussion.</p>	<p>Pupil worksheet Exercise book White Board</p>	<p>worksheet</p>
7	<p>As plenary activity to reinforce and assess pupils learning, pupils need to match lesson key ideas with the correct definitions.</p>	<p>Pupils will work by groups (6 sets, one per bench) trying to match together lesson main ideas with the correct definitions.</p>	<p>Computer White board Concepts and definitions cards.</p>	<p>Concepts and meaning cards used as assessment items. Checking per bench pupils that really understood the lesson contents and also achieved the lesson aim.</p>
4	<p>Collecting last lesson homework and packing away and get ready pupils for next lesson.</p>	<p>Pupils should hand in the homework and pack to move to another lesson.</p>	<p>Homework sheets</p>	<p><i>Note: I will mark pupils homework</i></p>