

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Food Chains and Food Webs

Group 7_O

Location M21

Date/Time 30th April /9h10 to 10h10

Learning Objectives

Pupils should learn...

- to look at how organisms in a habitat are linked together in a food chain and a food web.

Learning Outcomes

Pupils should be able to ...

- learn that all the organisms in a habitat can be linked together in food webs.
- understand that webs are made of a number of food chains which start with plants.
- describe the arrows in a food chain as energy being transfer.
- learn that factors influencing the number of organisms in one part of a food web have an effect on other parts of the web.

National Curriculum/Syllabus References

Ks3 Biology, Exploring science text book (pages 36-37) – Food chains and food webs, NC 4 – 7.

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
2	Register	Pupils will pay attention to class register.	Teacher planner	-
2	Hand in the last lesson homework to pupils. Note: Make sure that some pupils put the names on the homework sheet.	Pupils will be receiving their last homework marks.	Homework sheet	Assessment by marking the homework sheets
2	Sharing lesson objectives with class.	Pupils will be paying attention to the lesson aim about to look at how organisms in a habitat are linked together in food chains and food webs. Writing the lesson aim.	White board Exercise books	-
5	Setting and giving instructions for the starter activity.	Pupils will be listening and try to answer teacher questions on a worksheet by identifying the correct terms for the different meanings recapping last lesson contents about predators, preys, producers and consumers as a way to introduce the new topic – Food chains and food webs. Going over the answers with class.	Computer worksheet	Q+A

2	Watching a short video about McDonald's Food chain.	Pupils will be watching a McDonald's food chain short video that represents the lesson main idea, Who eats who?	Computer Video speakers	-
5	Going through power point introducing and giving explanations about the topic.	Pupils will be listening and interacting with teacher to understand how the different organisms can be linked together by food chains.	Computer Power point	
10	Activity 1 Setting instructions for thinking and drawing activity.	Pupils will need to think about what they already know about food chains and they need to produce a drawing that represents food chains in different habitats. Activity using kinaesthetic learning styles.	Computer Power point White board A4 sheet Felt tips Colour pencils	Assessing by checking pupils developing science thinking skills.
5	Going through power point introducing the idea of Food Webs.	Understanding the idea of food chains, pupils will learn that some organisms can eat different organisms, so a food Web is the best way to link all those organisms together. Pupils will be watching a food web example.	Computer Power point	Q+A
15	Activity 2 Setting and Giving instructions for a worksheet activity that involves pupil's ability to build a food Web choosing the organisms presented on the worksheet.	Pupils will have a worksheet with different organisms and they need to choose some of them to build a food web.	Computer Power point Worksheet A4 sheet Scissors Glue stick	Assessing by checking pupils developing science kinaesthetic skills.

10	Setting the Plenary Activity about understanding what happens on a Food web?	<p>Pupils will have some time to look to a food web example and they need to answer on a piece of paper the correct answers.</p> <p>Going over the answers.</p>	A6 sheets Computer White board	Assessment items by observing pupils answers as well assessing with Q+A to able pupils to explain why those answers?
2	Hand in the homework and giving instructions to pupils pack away and move on to Form Period.	<p>Pupils will receive the homework sheet for next lesson</p> <p>. Writing the homework on the planners and packing away.</p>	Homework sheet Pupils planner	Marking the homework.