

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title: Food Detective**

**Group** 7\_O

**Location** M21

**Date/Time** 4<sup>th</sup> May / 13h15 to 14h15

**Learning Objectives**

Pupils should learn and recap...

- to look at how different habitats allow different organisms to survive.
- to identify and look at how some animals adapt to their environment on a daily basis.
- to look at how some animals adapt to yearly changes in the environment.
- To look at the relationships between predators and prey.
- to look at how organisms in a habitat are linked together in food chains and food webs.

**Learning Outcomes**

Pupils should be able to learn and recap...

- that different habitats support different organisms with special features.
- how some animals are adapted to seasonal changes in their habitats.
- characteristics of predators and preys species.
- learn that all the organisms in a habitat can be linked together in food webs.
- that all the organisms in a habitat can be linked together in food webs and that we can make careful observations about their links.

**National Curriculum/Syllabus References**

Ks3 Biology, Exploring science text book (pages 30-43) – Feeding Relationships  
NC 3 – 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	<b>Register</b>	Pupils will pay attention to class register.	Teacher planner	-
2	Hand in last lesson homework <b>Note: Make sure that all pupils put the names on the homework sheet.</b>	Pupils will receive their homework marks.	Homework sheet	homework sheets
5	Sharing lesson objectives with class.	Pupils will be paying attention to the lesson aim about recapping the entire feeding relationships topic, to be prepared for an end of unit test.  Writing the lesson aim.	White board Exercise books	-
5	Giving instructions for lesson activities.	Pupils will be aware that they will work by teams per bench, so at the end of the lesson one bench or team will win some stars (per each point) and a surprise.	Stars Team cards Surprise (sweets?)	Assessment criteria will be the activities and mostly behaviour in class.

<p>10</p>	<p>Setting and giving instructions for the starter activity.</p>	<p>Recapping habitats and animals adaptations contents.</p> <p>Pupils will have an interactive game about an animal (camel) adaptations to survive in a specific habitat (desert). All class will be participating.</p> <p>Going over the answers with class.</p>	<p>Computer Worksheet Starter activities Ks3 program</p>	<p>Q+A</p>
<p>8</p>	<p><b>Activity 1</b> Setting instructions for the video + worksheet activity.</p>	<p>Pupils will be listening to the instructions and know how can they win a star. Each pupil per bench but helping their team will watch a short video with some animals' pictures.</p> <p>After watching pupils will hear a clock time for 30seconds and they need to complete a table by reminding all the organisms and write on the right food group that they belong.</p> <p>Checking correction.</p>	<p>Computer Speakers Worksheet video</p>	<p>Assessment criteria will be how fast the teams can write all the names. Developing some thinking and visual aids skills.</p>

10	<p><b>Activity 2</b></p> <p>Watching TIM &amp; MOBY about food chains.</p>	<p>Pupils need to be watching the video and remind the topic on food chains and also food webs – who eats who?</p> <p>Completing a worksheet.</p> <p>Going over the answers.</p>	<p>Computer Worksheet</p> <p>Speakers video</p>	<p>worksheet</p>
15	<p><b>Activity 3</b></p> <p><b>Setting Plenary activity instructions for a matching word game.</b></p>	<p>Pupils will be listening and by teams trying to match in 30 seconds words with descriptions reviewing all the unit topics.</p> <p>Going over the answers.</p>	<p>Computer Cards</p>	<p>Assessment by checking pupils' ability of working by teams.</p> <p>Individual assessment when going over the correct answers.</p>
1	<p><b>Giving surprise to best team.</b></p>			
1	<p><b>Setting instructions for packing away.</b></p>	<p>Pupils should clean benches and be ready to move to next lesson.</p>	-	-