

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Genetic - Variation, Inheritance and Evolution

Group 10 B1

Location

Date/Time 20th April /9h10 to 10h10

Learning Objectives

Students will learn...

- to describe (using examples) how variation within a species brings about evolutionary change.

Learning Outcomes

Students will be able...

- to learn that variation are the differences between individuals of the same species.
- to identify genetic and environmental changes as causes of variation within a species.

National Curriculum/Syllabus References

Ks4, BTEC, 1st Certificate in Applied Science, Topic M4 (Variation, Inheritance and Evolution.

Links to other areas

Lesson will cross link with basic literacy science knowledge as well students will develop a merit task by drawing, writing and relate lesson topic with daily ideas.

Previous assessment details informing this lesson.

Last lesson was useful to check students that have pass the task.

Differentiation

Different is being used during tasks to give the entire class the possibility to achieve a merit and distinction grade.

Health and Safety

Lesson totally safe for pupils.

Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
5min	Register	Students will pay attention to class register.	Teacher planner	-
5	Sharing lesson aim and setting starter activity	Students will know the lesson aim about understanding variation, inheritance and evolution.	Computer Power point Sheet White board	Effort to do and participate into task. Behaviour during the lesson.
5	Brief task and topic introduction	<p>Paying attention or trying to pay attention to teacher brief instructions about the task students will be aware of new concepts like variation in genetic.</p> <p>Students need to finish last lesson task to pass as well starting a new task that involves achieving a merit grade.</p>	White board Computer Power point	-
45	Walking around and supporting students to complete and do both tasks.	Making the Genetics tasks (finishing DNA diagram and start doing the merit task by drawing a cartoon family or an animal from the same species to describe variation as an evolution step.	White board Computer A3 sheets A4 sheets Books Pencils Felt tips Colour pencils.	Note: I will note assess this particular task, but I will make sure that all students completed last lesson task.

Lesson Evaluation

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

Criteria	Very Good	Good	Satisfactory	Unsatisfactory
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)*

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

Teacher Comments