

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Genetic - Variation, Inheritance and Evolution

Group 10 B1

Location M21

Date/Time 26th 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

By giving to entire class the opportunity to pass, achieve a merit and a distinction grade for each task.

Health and Safety

Lesson totally safe for students.

Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
3	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	Recapping task to students.	Students will be paying attention to teacher instructions about the deadline of the merit task, having the opportunity to finish their own work, achieving a pass and or even a merit. Students need to finish the task.	White board Computer Power point A3 sheets Felt tips colour pencils Scissors Glue stick	-
30	Walking around and supporting students to complete and do the task.	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.	<i>Note: I will assess this particular task, but I also will make sure that all students completed last lesson task.</i>
10	Checking students work one by one to assess the task.	Students need to come one by one to show what they have done during the last lessons and if they are able to pass or even achieve a merit.	Poster Teacher planner	Assessment by verifying students work.
2	Cleaning and get students ready for next lesson.	Students will pack away and be prepared to move to another lesson.	-	-

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