

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title:** Genetic - Variation, Inheritance and Evolution

**Group** 10 B1

**Location** M21

**Date/Time** 27<sup>th</sup> April /9h10 to 10h10

**Learning Objectives**

Students will learn...

- to explain how genes can control variation within a species using a simple coded.

**Learning Outcomes**

Students will be able...

- to describe a gene as a section of chromosome containing the DNA code that control one characteristic (e.g. Eye colour).

**National Curriculum/Syllabus References**

Ks4, BTEC, 1<sup>st</sup> Certificate in Applied Science, Topic D4 (DNA, **Genes** and chromosomes)

**Links to other areas**

Literacy , Citizenship, visual, verbal and kinaesthetic learning styles.

**Previous assessment details informing this lesson.**

Last lesson was useful to check students that have pass the task understanding the main requirements of the topic.

**Differentiation**

By giving to entire class the opportunity to pass, achieving a merit and a distinction grade for the 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 genes and a simple coded message.	White board	Effort to do and participate into task. Behaviour during the lesson.
5	Recapping task to students and write some instructions on the board.	Students will be paying attention to teacher instructions about the deadline of the distinction task, having the opportunity to complete their task supported by some notes and a diagram drawn by the teacher.	White board books	-
45	Walking around and supporting students to complete and do the task.	Drawing and labelling a simple coded message by using genes that control the eyes colour in a certain family. Students need to match the genes from father and mother to understand how a gene can control a particular characteristic in the human body.	White board Computer A3 sheets colour sheets Books Pencils Felt tips Colour pencils Scissors Glue stick etc...	Assessing students' poster.
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)*

<b>Criteria</b>	<b>Very Good</b>	<b>Good</b>	<b>Satisfactory</b>	<b>Unsatisfactory</b>
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)*

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

Teacher Comments