

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title:** Genetic – Inherited Diseases

**Group** 10 B1

**Location** M21

**Date/Time** 4<sup>th</sup> May/ 9h10 to 10h10

**Learning Objectives**

Students will learn...

- to explain mechanisms by which conditions of some diseases are inherited.

**Learning Outcomes**

Students will be able...

- to investigate and explain the conditions of some inherited diseases like multiple sclerosis, cystic fibrosis etc.

**National Curriculum/Syllabus References**

Ks4, BTEC, 1<sup>st</sup> Certificate in Applied Science, Topic M5 - Inherited diseases

**Links to other areas**

ICT, developing thinking areas, kinaesthetic learning styles and literacy.

**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	-
4	Sharing lesson aim and setting starter activity about watching a sickle cell anemia video.	Students will know the lesson aim about identifying mechanisms in which some diseases are inherited.  Watching a video about sickle cell anemia.	White board Computer Video speakers	-
5  40	Setting instructions for the task.  Walking around to support students during the task.	Students will be paying attention to teacher instructions about the deadline of the task.  Producing poster with plasticine identifying the genes that carries the disease inherited by the children.	White board Books A3 sheets Colour pencils books	Effort to do and participate into task. Behaviour during the lesson.  Assessing students' developing their work to do the task.  -
5	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