

**Secondary Science SBE
Lesson Plan Framework**

Lesson Title: Immunity and MRSA Problem...

Group 10A4

Location M23

Date/Time 24th April /11h05 to 11h55

Learning Objectives

Students will learn...

- to explain how does our immune system work.
- to expand knowledge and describe some of the MMR and MRSA problems.

Learning Outcomes

Students will be able to learn...

- to explain vaccination process as the way to kill the pathogens inside our body.
- that MRSA is a bacterium that kills around the world a thousand hospital patients each year and overcrowding in hospitals is one of the main issues that led to MRSA infection and also that MRSA is a bacterium, which is resistant to the more widely used antibiotics.
- to understand that no medicines are completely risk free and on a rare occasion a child can react badly to a vaccine like the MMR.

National Curriculum/Syllabus References (incl. reference to previous KS)

Ks4 Biology, GCSE Science, text book AQA Science, unit B1a 4 – Controlling infectious disease.

Links to other areas

Students will be able to learn the lesson topic using some kinaesthetic learning style; literacy skills as well develop their work as independent students.

Previous assessment details informing this lesson.

Last lesson was useful to check pupils' misconceptions by walking around and supporting pupils to answer summary questions.

Differentiation

I will use different learning styles, like visual aids, kinaesthetic, writing skills, for the entire class have the opportunity to develop further knowledge by using a variety of learning styles able the entire class to develop further knowledge on an area where they feel more comfortable.

Health and Safety

Lesson totally safe for pupils

Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
2	Register	Students will pay attention to the register	Teacher planner	-
2	Sharing lesson overview	Students will know that they need to revise last lesson as well move on to consolidate some ideas about immunisation and MRSA problems.	White board Computer Power point	-
10	Brief review about some main key ideas (e.g. immunisation, antibiotics, antibiotic resistance etc.) and introduce some of the MRSA Problems.	Students will pay attention, take all the doubts about the last two lessons. Understanding some ideas and concepts about immunisation MRSA bacterium and MMR vaccine.	Computer Power point White board	Q+A
10	Answering questions 1 and 3 on page 73 of the text book. Revising unit.	Answering summary questions supported by topic booklet, teacher and text book. Students will have some minutes to revise once again the entire topic by reading the book before the test.	Booklet Computer White board Text book books	Note: I will just make sure that all pupils are on task help them when they struggle.
25	Making a Unit Test	Pupils will pay attention to teacher instructions and make an end of unit test.	computer Sugar paper -exercise book - text book	End of unit test. (AQA exam-style questions) Unit B1a 4
1	Collecting the tests	Students need to hand in the end of unit tests to be marked.	tests	Note: I will mark all the tests to hand in next 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