

**Secondary Science SBE  
Lesson Plan Framework**

**Lesson Title:** The particles Theory

**Group:** 7\_0    **Location:** M21    **Date/Time:** 14<sup>th</sup> May /9h10 to 10h10

**Learning Objectives:** Students should learn:

- to understand what the particle theory is and to be able to describe it.

**Learning Outcomes:** Most students should be able to:

- that models can be used to explain phenomena which cannot be observed.
- that solids, liquids and gases are made up of tiny particles.
- that the differences between solids, liquids and gases can be explained in terms of the proximity and motion of their particles.

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

Ks3, Sc3, Exploring Science Text book (Pages 80-81) Topic about How theories are developed. NC 4-5.

**Links to other areas**

Literacy and kinaesthetic learning styles.

**Previous assessment details informing this lesson.**

Last lesson was useful to check pupil's knowledge on starter and plenary activity about the new topic.

**Differentiation**

By questioning  
By support  
By modelling

**Health and Safety**

Lesson safe for pupils.

## Lesson Development

Timing (min)	Teacher activity	Pupil activity	# Resources	Assessment Items
3	Taking the register	Pupils will pay attention to the register.	Teacher planner	
2	Sharing lesson aim	Pupils will be listening and writing the lesson aim about the particles theory.	Small white board books	-
10	Setting the starter activity.	Pupils will recap last lesson by making an interactive quiz about models of solids, liquids and gases.  Going over the answers.	Computer Starters KS3 software	Individual assessment by asking some peoples to answer to the quiz.
20	Going over a brief explanation to introduce the main activity.	Pupils will be paying attention to all the instructions and will have some time to work by groups, developing a small theatre to explain the solids, liquids and gases theory.  Brief 3min presentation per bench.	Cards Balls Books etc.	Assessing pupils developing kinaesthetic learning styles as well developing science creative thinking skills.  Q+A  <b>Note: Making sure that all pupils are on task.</b>
5	Watching a TIM and Moby Video.	Pupils will be watching a video that recaps the particle theory of solids, liquids and gases.	Computer Video speakers	-
10	Setting plenary Activity.	Class will be writing in silence the answers for some questions about the video.  Going over the answers to make sure that pupils have learned.	Books computer	Assessment by asking pupils to answer some of the questions. Particular attention to pupils with main difficulties.

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5	Handing in the marks of the last end of unit test and making a brief comment about it.	Pupils will have some time to see their marks and their answers.	Tests	-
5	Instructions for packing away	Packing away and moving to next lesson.	-	-