Secondary Science SBE Lesson Plan Framework

Lesson Title: Changes of state

Group: 7_0 Location: M21 Date/Time: 16th May /11h25 to 12h25

Learning Objectives: Students should learn:

- to discuss the movement of particles when energy is applied to them.

Learning Outcomes: Most students should be able to:

- to describe how particle theory can explain some phenomena.
- explain observations in terms of particles.
- -explain their observations using the particle theory.

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

Ks3, Sc3, Exploring Science text book, pages 78-19 (States matter) NC4

Links to other areas

Literacy, kinaesthetic learning styles, and developing science thinking skills.

Previous assessment details informing this lesson.

Last lesson main activity was useful to check if pupils can link some kinaesthetic styles with their learning.

Differentiation

By questioning

By support

By modelling

Health and Safety

Lesson safe for pupils.

Lesson Development

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and writing the lesson aim about changes of matter. As a starter activity pupils will have a interactive quiz that leads to the next activity. Pupils will understand the important of energy when a solid turns into a liquid, and a liquid into a gas. Pupils nee to write what they think about what is melting, condensation and evaporation. Setting a thinking task. Setting a plenary activity will be a matching terms with the correct theory and observation). Setting a plenary activity with a miteractive with an interactive with a miteractive with a pupils are on task. Traffic light cards Computer White board activity will be ormouted. Computer Power point when a solid turns into a liquid, and a liquid into a gas. White board Setting a pupils developing some thinking skills. Q+A Note: Making sure that all pupils are on task. Pupils will be assessed individually by doing and trying to answer the worksheet questions.	3	Taking the register	attention to the	Teacher planner	
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Setting a plenary activity be a matching (terms with the correct theory and observation). Going over the questions. Computer Ks3 resources software Worksheet Computer Ks3 resources software Going over the questions. Extension activity with an interactive	10		what they think about what is melting, condensation and evaporation. Going over the		some thinking skills. Q+A Note: Making sure that all
	15		be a matching (terms with the correct theory and observation). Going over the questions. Extension activity with an interactive	Computer Ks3 resources	individually by doing and trying to answer the worksheet

5	Watching a video	If time pupils will have the opportunity to watch a video that recaps the entire lesson.	Computer Video speakers	-
5	Setting instructions to pupils pack away.	Pupils will clean their desks and move to next lesson.	-	-