







Science - Sec 1 Ch 8 Atoms and Molecules

	Monitoring and checking for prior knowledge using students' work	Using feedback from peers and teacher to refine own understanding	Class Discussion	Ensure learning objectives and success criteria are met	Monitoring and check understanding using students' work
Class			Activity 3 Teacher to create SLS MCQ challenge - discussion.		
Group	Activity 1 Divide students into groups of 4. In pairs, students are to read assigned element in chapter 8 - Atom (Pair 1) - Molecules (Pair 2) Each pair is to come up with a mind map to describe what they learned from the text book.			Activity 4 Models of the Atom. In groups of 4, students are to create the models of the Atom using the materials provided. * Students to study the model made by the last group, explain why each new model is an improvement of the pervious model.	
Individual		Activity 2 (Jigsaw) Students who learned about 'Atom' will find their new partner, from those who learned about 'Molecules', to exchange their mind-map and share their understanding.	Activity 3 SLS MCQ challenge.		Activity 5 Students to capture each stage of the model and explain their understanding. How are the models developed? What attitudes did Scientists have in order for them to improve?
Role of ICT	Access to learning partners, and encourage learner engagement	Communicate feedback + Access to learning partners	Tracking and assessing	Supporting self-directed Learning + simulate real-world situation	Creation of digital product, multimodal representation of a concept
Tools					 

Activate Learning
Promote thinking and discussion
Facilitate demonstration of learning
Monitor and provide feedback

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