

Year 8 Chemistry Lesson Plan

Date: Monday	Topic: Observing Chemical Reaction Practical	Module: 1	Time: 8:30 - 9:22	Duration: 50min
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What do the learners already know? Students already have an understanding of chemical reactions and how to make observations.

Where to the learners need to be? Students will use the practical to consolidate their observation skills and skills in writing chemical equations.

How do the learners best learn?

Curriculum Outcomes:

- The properties of the different states of matter can be explained in terms of the motion and arrangement of particles (ACSSU151)
- Differences between elements, compounds and mixtures can be described at a particle level (ACSSU152)
- Chemical change involves substances reacting to form new substances (ACSSU225)

Risk Assessment: Low. See RiskAssess form

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
8:30 - 8:45	Roll call. Put students into groups and explain practical	Students to gather practical equipment and PPE		Red chemical reactions workbooks

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
8:45 - 9:10	Students to work through the practical and take required notes.			Practical equipment as per RiskAssess form
9:10 - 9:20	Pack up practical and clean benches			

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
9:20 - 9:22	Quick overview of next lesson			

Homework:

Review element symbols for game in next lesson

Evaluation:

Student:	My Teaching:
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Year 8 Chemistry Lesson Plan

Date: Tuesday	Topic: Practical Questions - Ball Game for Element Symbols	Module: 5	Time: 12:18 - 1:08	Duration: 50min
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Curriculum Outcomes:

- The properties of the different states of matter can be explained in terms of the motion and arrangement of particles (ACSSU151)
- Differences between elements, compounds and mixtures can be described at a particle level (ACSSU152)
- Chemical change involves substances reacting to form new substances (ACSSU225)

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
12:18 - 12:25	Roll call. Get out workbooks and notes from previous lesson			

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
12:25 - 12:45	Class discussion of practical observations and work through work equations			
12:45 - 1:00	Ball game. Students will sit in a circle and throw the ball to each other. Whoever catches the ball must answer a question.			

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:00 - 1:08				

Homework:

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Evaluation:

Student:	My Teaching:
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Year 8 Chemistry Lesson Plan

Date: Wednesday	Topic: Research Task - Endothermic and Exothermic Reactions	Module: 4	Time: 11:26 - 12:16	Duration: 50min
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Curriculum Outcomes:

- The properties of the different states of matter can be explained in terms of the motion and arrangement of particles (ACSSU151)
- Differences between elements, compounds and mixtures can be described at a particle level (ACSSU152)
- Chemical change involves substances reacting to form new substances (ACSSU225)

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
11:26 - 11:35	Roll call. Overview of lesson			

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
11:35 - 12:00	Students to research endothermic and exothermic reactions - definitions, examples			
12:00 - 12:16	Class discussion of findings			

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
- 12:16				

Homework:

Bring coloured pencils/pens for the next lesson.

Evaluation:

Student:	My Teaching:
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Year 8 Chemistry Lesson Plan

Date: Thursday	Topic: States of Matter and Periodic Table Revisited	Module: 6	Time: 1:48 - 2:38	Duration: 50min
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Curriculum Outcomes:

- The properties of the different states of matter can be explained in terms of the motion and arrangement of particles (ACSSU151)
- Differences between elements, compounds and mixtures can be described at a particle level (ACSSU152)
- Chemical change involves substances reacting to form new substances (ACSSU225)

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:48 - 1:55	Roll call. Overview of lesson.			

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:55 - 2:10	Students will try to recall as many of the first 20 elements as they can - go over missing ones as a class.			
2:10 - 2:25	Students will be given a black and white Periodic Table. Their task will be to label as many periods and groups as they can and colour code the metals, non-metals, solids, and gases.			
2:25 - 2:25	Go through answers as a class.			

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
2:35 - 2:38	Recap of week and overview of the next week			

Homework:

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Evaluation:

Student:	My Teaching:
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