

Year 8 Chemistry Lesson Plan

Date: 3/8/15 Monday	Topic: Practical - Making Crystals	Module: 1	Time: 8:30 - 9:22	Duration: 50min
<p>What do the learners already know? Particle theory, and properties of some elements and basics of states of matter</p> <p>Where to the learners need to be? Students will use this activity in following lessons as an example of compounds and mixtures</p> <p>How do the learners best learn?</p>				
Curriculum Outcomes: Differences between elements, compounds and mixtures can be described at a particle level				
Assessment: Nil				
Risk Assessment: As per Risk Assess form				
Introductory Phase:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
8:30 - 8:40	Roll call. Explanation of activity including safety.			Workbooks
Body of Lesson:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
8:40 - 9:10	Oversee practical and ensure students are conducting it safely.	Students to undertake practical activity.		Practical equipment as per Risk Assess form.
9:10 - 9:15	Pack up practical equipment			
Consolidation:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
9:15 - 9:22	Explanation of what will be done later in the week to follow up this practical			
Homework:				
Evaluation:				
Student:		My Teaching:		

Year 8 Chemistry Lesson Plan

Date: 4/8/15 Tuesday	Topic: Design Prac Intro	Module: 5	Time: 12:18 - 1:08	Duration: 50min
<p>What do the learners already know? Students will have seen experimental protocols Where to the learners need to be? Students will research outcomes of reactions and learn to design an experiment How do the learners best learn?</p>				
Curriculum Outcomes: Differences between elements, compounds and mixtures can be described at a particle level				
Assessment: Summative assignment to be assessed using the MYP criteria.				
Risk Assessment: Nil				
Introductory Phase:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
12:18 - 12:25	Roll call. Hand out assignment sheets.			Design Prac assignment sheets
Body of Lesson:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
12:25 - 12:40	Explanation of assignment and each element the students need to include	Students will be advised to take notes on this.		
12:40 - 1:00		Students to begin research for background.		laptops, internet
Consolidation:				
Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:00 - 1:08	Ensure students know what they need to be working on.	Students to write work in their diaries.		
Homework:				
Continue with research notes.				
Evaluation:				
Student:		My Teaching:		

Year 8 Chemistry Lesson Plan

Date: 5/8/15 Wednesday	Topic: Mixtures - Ink Chromatography	Module: 4	Time: 11:26 - 12:16	Duration: 50min
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What do the learners already know? Particle theory, and properties of some elements and basics of states of matter

Where to the learners need to be? Students will use this activity in following lessons as an example of compounds and mixtures

How do the learners best learn?

Curriculum Outcomes: Differences between elements, compounds and mixtures can be described at a particle level

Risk Assessment: As per RiskAssess form

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
11:26 - 11:40	Roll call. Overview of lesson. Recap of what we learned about mixtures.			Yellow booklets

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
11:40 - 12:05		Students to conduct practical activity.		
12:05 - 12:10	Pack up			

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
12:10 - 12:16	Practical discussion			

Homework:

Evaluation:

Student:	My Teaching:
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Year 8 Chemistry Lesson Plan

Date: 6/8/15 Thursday	Topic: Non-Metal Compounds and Metal Mixtures	Module: 6	Time: 1:48 - 2:38	Duration: 50min
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What do the learners already know? Particle theory, and properties of some elements and basics of states of matter

Where to the learners need to be? Students will use this activity in following lessons as an example of compounds and mixtures

How do the learners best learn?

Curriculum Outcomes: Differences between elements, compounds and mixtures can be described at a particle level

Risk Assessment: Nil

Introductory Phase:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:48 - 1:55	Roll call. Outline of lesson.			Chemical reactions booklet for naming elements and compounds.

Body of Lesson:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
1:55 - 2:10	Recap of compounds and mixtures. Non-metal compounds (salts) and metal allows.	Students to participate in class questions.	Student answers will show any knowledge gaps.	
2:10 - 2:30	Naming elements and basic compounds.	Students to work through worksheet.		

Consolidation:

Time	Teacher Direction:	Student Activity:	Check for Understanding:	Resources:
2:30 - 2:38	Go through the first few answers on the worksheet and what is for homework.			

Homework:

Complete naming elements and compounds worksheet.

Evaluation:

Student:	My Teaching:
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