



Coonabarabran High School

Assessment Notification

Subject: Year 10 Science

Date of Notification: 08.03.21

Assessment task 1: To Precipitate or Not to Precipitate **Date my class will do this task:** _____

Weighting: 15%

Teacher: K. Christoff, K. Nash, R. Blanch

| | |
|--------------------------|--|
| Topic: | Chemical Reactions |
| Equipment needed: | pen, pencil, pencil sharpener, eraser |
| Length of task: | 1 period during normal class time |
| Task Structure: | Students will work collaboratively with one partner following written instructions to carry out an investigation into two chemical reactions. This is the practical component. In addition there will be: Short answer questions Extended response Multiple choice |

Outcomes being assessed:

| Knowledge and Understanding | Skills – Working Scientifically |
|--|--|
| CW3 Chemical reactions involve rearranging atoms to form new substances, during chemical reactions mass is not created or destroyed (ACSSU179) | WS6 b Students conduct investigations by safely manipulating identified equipment WS6 e Students conduct investigations by reporting evidence and findings with accuracy and honesty WS6 f Students conduct investigations by considering the risk factors WS7 d Students process information to draw conclusions that are consistent with evidence WS7 e Students process information to develop evidence-based arguments WS9 b Students communicate by selecting and constructing an appropriate table to represent information WS9 c Students communicate by using appropriate symbols to express relationships WS9 d Students communicate by proposing ideas that demonstrate coherence and logical progression |
| Students should be able to: <ul style="list-style-type: none"> ○ Explain the observations you have noted for the chemical reaction you have observed | Students should be able to: <ul style="list-style-type: none"> ○ Follow written instructions ○ Work collaboratively with a partner ○ Complete an appropriate risk assessment ○ Recognise if a chemical reaction has taken place ○ Write a word equation for a chemical reaction you have observed |

Use the points below to guide you in your revision for the Chemical Reactions
Assessment Task

“To Precipitate or Not To Precipitate”

Value: 15%

In this task you will be expected to:

1. Follow instructions to safely carry out two chemical reactions
2. State the aim of the investigation
3. Fill in a risk assessment for this investigation
4. Recognise if a chemical reaction has taken place
5. Draw a results table and record your observations
6. Write a word equation for a chemical reaction you observed
7. Explain the observations you have noted for the chemical reaction you observed
8. Identify whether a substance is an acid or an alkali (base) and position it on a scale
9. Answer multiple choice questions relating to the Chemical Reactions topic