**PRACTICAL INVESTIGATION SCIENTIFIC POSTER**

**CORROSION**

**Instructions**

Start planning this in your logbook

**Lesson 1 (Use chapter 21 in your textbook to guide you)**

1. In this investigation you will be looking at Corrosion. Decide what aspects of corrosion you will be investigating – Write this up as a question.

Eg. What factors affect the rusting of iron?

 How do sacrificial metals work?

 Does temperature affect the rate of corrosion?

 What is the best way to protect a nail from corroding?

1. Work out how you will test this- ie. Method and what materials you will need (refer to the materials supplied). Consider any safety issues. Use chapter 21.1 as a guide.
2. Work out how you will display your results – see chapter 21.2 as a guide.
3. In your logbook, write up an aim, hypothesis and methodology (refer to page 178 in the student workbook).
4. Will you be taking photos for your poster?
5. Homework- do some research about what you are testing- make sure you note any references. This will go into your introduction.

**Lesson 2 and 3**

1. Carry out the experiment- record findings in your logbook.
2. Draw up any graphs.
3. Continue completing work not finished from lesson 1.
4. Continue any research.

**Lesson 4 and 5**

1. Analyse results. Start a discussion and conclusion- see chapter 21.3 as a guide
2. Start typing up your good copy on the poster template.

**Final copy**

To presented as a **scientific poster**. Make sure you follow the information on pages 178-179 of the student workbook. Your logbook is to be submitted with your poster.

Note the collaboration section will not be included in the marking this year – due to doing this remotely.

**Due date:**