

Title: To prepare a sample of oxygen by decomposing  $\text{H}_2\text{O}_2$  using  $\text{MnO}_2$  as a catalyst  
(OC24)

Student Name: \_\_\_\_\_

Other students in Group: \_\_\_\_\_

### Preparation and planning

Apparatus/Chemicals needed \_\_\_\_\_

\_\_\_\_\_

Word equation: \_\_\_\_\_

Chemical equation: \_\_\_\_\_

### Procedure

Labelled Diagram – Oxygen gas preparation

Outline of method \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Safety Precautions taken \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Comments/Observations \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Results and Conclusion**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

The test for oxygen gas is .. \_\_\_\_\_

\_\_\_\_\_

General comment/recommendations \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Teacher Name: \_\_\_\_\_ Date of completion: \_\_\_\_\_

Student signature: \_\_\_\_\_