

Title: investigate and describe the expansion of solids, liquids and gases when heated, and contraction when cooled (OP23)

Student Name: _____

Other students in Group: _____

Expansion and contraction of solids

Preparation and planning

Apparatus/resources needed _____

Procedure

Labelled Diagram

Outline of method _____

Safety Precautions taken _____

Expansion and contraction of liquids

Preparation and planning

Apparatus/resources needed _____

Procedure

Labelled Diagram

Outline of method _____

Safety Precautions taken _____

Expansion and contraction of gases

Preparation and planning

Apparatus/resources needed _____

Procedure

Labelled Diagram

Outline of method _____

Safety Precautions taken _____

Results and Conclusions

What was observed/learnt in all of the above experiments?

General comments _____

Teacher Name: _____ Date of completion: _____

Student signature: _____