

Title: To carry out simple experiments to show the transfer of heat energy by conduction, convection and radiation; investigate conduction and convection in water (OP31)

Student Name: _____

Other students in Group: _____

To show the transfer of heat energy by conduction, convection and radiation.

Preparation and planning

What is meant by conduction? _____

What is meant by convection? _____

What is meant by radiation? _____

Apparatus/resources needed _____

Procedure

Labelled Diagram – To show heat transfer by conduction

Labelled Diagram – To show heat transfer by convection

Labelled Diagram – To show heat transfer by radiation

Outline of methods used _____

Safety Precautions taken _____

Results and Conclusions from above experiments _____

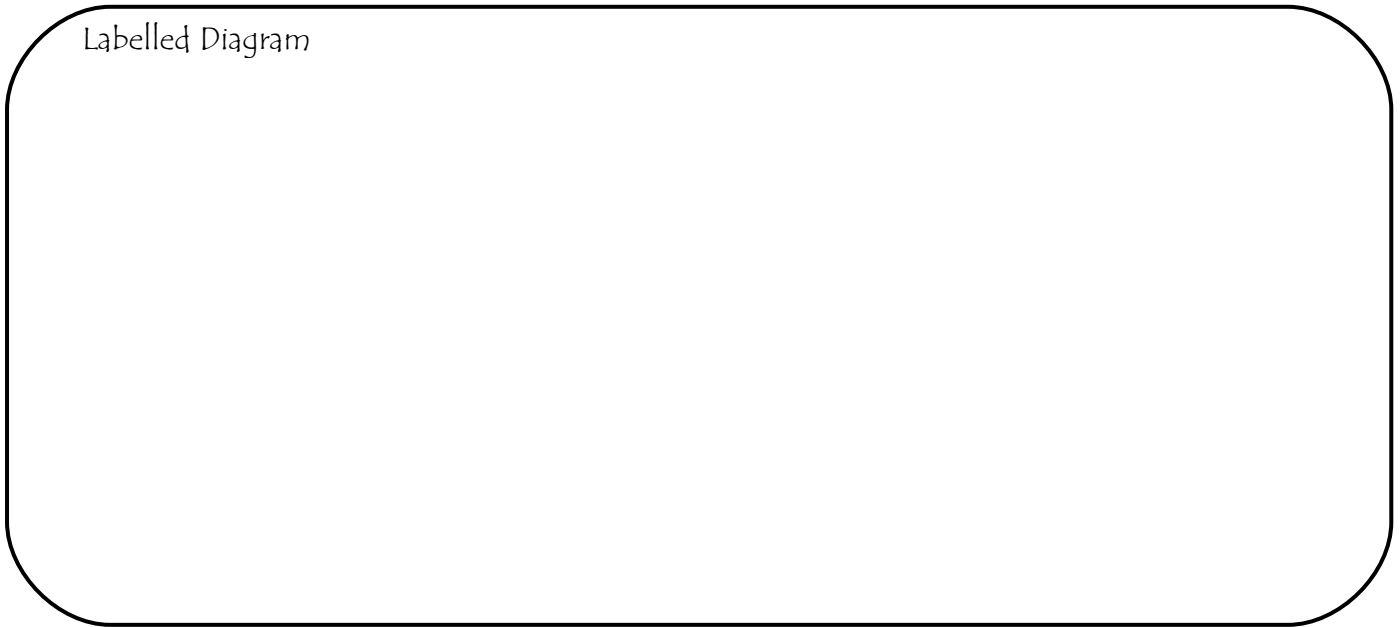
To investigate conduction and convection in water

Preparation and planning

Apparatus/resources needed _____

Procedure

Labelled Diagram



Outline of method _____

Safety Precautions taken _____

Results and Conclusions

Teacher Name: _____ Date of completion: _____
Student signature: _____