

Natural Occurrences

Group Task:

Your task is to research a natural occurrence and present this information to the class. You will also create an experiment to show how the natural occurrence happens OR how to protect yourself from this occurrence. This could be a design and make task or an investigation.

Your research will be presented in a written format as well as presenting your design and make/investigation experiment.

You can present your written report in a number of ways – an explanation, a poster, or digitally (a PowerPoint or Prezi. In the written report you will need to include:

- **A definition of your natural occurrence**
- **How and why it occurs**
- **Where and when it occurs**
- **Information about one particular occurrence (eg Mount Vesuvius for volcanoes)**
- **Any other interesting information**
- **A brief summary of your design and make or investigation – why you chose this particular design and make or experiment to show how the natural occurrence works or affects people and the environment, what you needed to do your experiment, challenges along the way, and any other information you would like to add**
- **A bibliography** (acknowledging where information for written report as well as design and make or investigation came from)

The teacher will be looking for evidence that your group has:

- **Developed and resolved a design task by planning, implementing (doing), managing and evaluating design processes OR**
- **Conducted your own investigations and have made judgments based on the results of observing, questioning, planning, predicting, testing, collecting, recording and analysing data and drawing conclusions**

Your design and make or investigation task will need:

- **Explain how a natural occurrence happens or how it affects people and the environment OR explain how to keep safe in a natural occurrence such as a bushfire or flood**
- **Show your research on the causes and effects of catastrophic events**

You will have a check-in meeting with your teacher in **WEEK 4** before beginning the design and make.

At this meeting you and your teacher will:

- **discuss** your research
- **ask and answer** questions from either the teacher or student
- **share** a draft of your written report so far
- **discuss** your ideas for your design and make/investigation
- **How** will you present your report?

Due Date: Week 6

Assessment Rubric: Natural Occurrences

Name:

Partners:

Occurrence:

Natural Occurrence written report	Outstanding	High	Sound	Basic
Draft script prepared ready to discuss (Week 4)				
Handed in on due date: week 6				
Definition of natural occurrence				
How and why it occurs				
Where and when it occurs				
Information about one particular occurrence				
Other interesting information				
Summary of design and make or investigation				
Bibliography (Books & Internet sites)				
DESIGN AND MAKE/INVESTIGATION EXPERIMENT				
Can explain clearly how design or investigation plan shows how a natural occurrence happens or how it affects people and the environment OR explain how to keep safe in a natural occurrence such as a bushfire or flood				
Evidence of a developed and resolved design task OR investigations and judgments with conclusions				
Cooperative group work				
ORAL PRESENTATION				
Each group member is involved in presenting				
Holds the audience's interest				
Speaks clearly and sensibly				
Includes accurate information				
Overall Grade				
Next time I could improve my assignment by...				
Teacher's comments:				