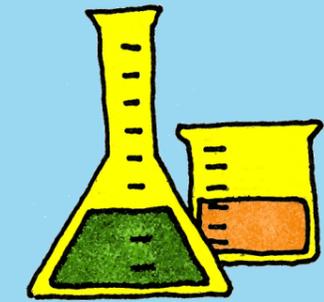


# SCIENCE TERM 4 2018 OVERVIEW

## Chemical Science



### ROOM 1 & ROOM 2

Room 1 & 2 will be focusing on how a change of state between a solid and liquid can be caused by adding or removing heat. Children will participate in various experiments that investigate how liquids and solids respond to changes in temperature, such as water changing to ice. We will also be investigating how natural and processed materials have a range of physical properties that can influence their use.

### CHEMICAL SCIENCE

This term our whole school focus for Science is Chemical Science. The children will work collaboratively on experiments that result in a chemical reaction. Children will be supported to plan and conduct scientific investigations to find answers to questions, considering the safe use of appropriate materials and equipment. Children will be encouraged to use iPads to capture their learning and also Green Screen Technology to share their findings.

### ROOM 3

Room 3 will be focusing on how a solid is affected by heating and a liquid by cooling. Children will participate in experiments using food items and will be encouraged to predict and record their findings. We will also be looking at how materials can be combined for a particular purpose, such as making paper.

### ROOM 12, ROOM 13, ROOM 14, ROOM 16 & ROOM 17

These classes will be focusing on how materials can be combined for a particular purpose, such as making paper. We will also be conducting experiments to explore how everyday materials, such as chocolate, can be physically changed in a variety of ways.

### ROOM 5, ROOM 6 & ROOM 7

The upper primary classes will be focusing on how changes to materials can be reversible or irreversible. Children will be conducting experiments that will enable them to investigate the change in state caused by heating and cooling; and investigate irreversible changes such as rusting, burning and cooking. In small groups, the children will research different experiments that result in a chemical reaction. They will then choose an experiment that they will present to younger students at a Science Fair later in the term. The Science Fair and accompanying documents will form a major part of the children's Science grade for this term.



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