

In Autumn term 2017, Year 7/8 will be learning about....

Subject:	Cycle 1: Unit & Content Overview:
English	Spooks: MacBeth:
Maths	Number & Place Value, Mental +, -, x & ÷, Fractions, ratio & proportion Shape, Space, Measure, Geometry - Position & direction, Measurement, Properties of shape, Statistics
Science	Materials: From which materials are objects made? How do the materials' properties make them useful? Forces: What are forces and how do they affect objects?
Computing	Coding: Following and creating algorithms. Online Safety: Exploring Purple Mash and keeping passwords safe. Spreadsheets: Using spreadsheets to input data ranges and sort them. Pictograms: Exploring alternative methods of representing data. Lego Builders: Emphasising the importance of following instructions.
PE	Basketball: fundamental basketball skills and game play. Gymnastics 1: developing basic floor skills and combining movements into sequences. Swimming: On rotation
DT	Mechanisms - Automata Product: Students will research, design, make and evaluate a moving automata product. As part of this they will also learn about CAM's, gears, pulleys and general mechanisms.
MFL - French	All about Me: Students will learn where France is and French is spoken around the world. They will respond and ask questions about their name, age and members of their family. They will start to count to 20 in French.
Music	Haunted House - Things that go bump in the night! Students will explore using handheld percussion instruments to create sound effects. They will compose a piece of music for a Haunted House and write sound shapes to reflect the instruments used and how they are played. Elements of production: Students will begin preparations for the carol service; singing & presenting a piece of music as part of a group.
RE	Saints & Heroes: Students will explore the lives of faith members who have performed heroic deeds. They will learn through stories, drama, role play and art about key people in Christianity and Judaism, such as Noah and Jonah. They will learn about the idea of obeying and consequences of actions and will think about the concept of making and keeping promises.
Art	Things that go bump in the night!
PHSE	Healthy Lifestyles:
Humanities (Geography)	Hot & Cold Climates: Students will explore where hot and cold countries in the world are using maps and globes. Countries and their habitats will be covered for each climate.