



### English

**Novel:** The Book Thief; The Curious Incident of the Dog in the Night-Time (split group readings)

**Reading:** Shakespearean sonnets; instructional, informative

**Writing:** Script form; instructions; informative

**Grammar:** comma blast; colon and semi-colon

### Humanities

**Glaciation:** The last ice age

**Global Knowledge:** A focus on Russia and Canada noting environmental regions + key physical and human characteristics, and major cities

**The Democratic Process in TCI**

**Challenges for Britain, Europe, and the Wider World. 1901 - Present Day:** The Holocaust

### PSHE

**Wider World:** Caring for the environment by looking after our planet and setting a challenge to look after our community

**Health:** Personal Safety & First aid: Learning basics that could help us in any situation until the appropriate help arrives

### Science

**Biology:** Health and Biotechnology: Aerobic and anaerobic respiration, types of drugs, effects of drugs, alcohol and smoking on the body. Use and effects of solvents. 4 types of microbes. TEST

**Chemistry:** Endothermic and exothermic reactions, temperature changes in reactions, energy level diagrams, application of reactions: fireworks and explosives. Making and breaking bonds and bond energies.

**Physics:** Pressure: calculating pressure, effects and application of pressure - bikes - quicksand - mud! Pressure in liquids, depth, diving, measuring pressure in liquids. Hydraulics and pistons - measuring pressure, force and area.

## Curriculum Overview

GRADE 8

SPRING 2

### Spanish

**To review grammar and sentence structure:**

- reviewing how to use adjectives in sentence structure
- use the grammar, *estar g tener*, to discuss my father is, I have a partner, I am single.
- use new verbs 'to like + infinitive' + mucho/a/os/as when discussing hobbies
- reading comprehension practice

**Vocabulary:**

- Sans Valentines and how to express emotion
- Members of the family
- Hobbies
- Directional vocabulary linked to city life
- Easter vocabulary and traditions

### Maths

**Tables & Probability:**

Using appropriate language and the probability scale, drawing sample space diagrams  
Understanding language and properties to analyse probability and statistics

**Brackets, Equations & Inequalities (Algebraic Techniques):**

Identifying variables, modelling situations mathematically, substituting values into formulae  
Understanding vocabulary of expressions, equations, inequalities, terms and factors, simplifying expressions and solving linear equations with one variable.

### Art & Design

Landscape and Emotions in Colour  
Texture  
Portraiture  
Still-Life Shapes and Symbols  
Collection (art)  
Figure Drawing

### Physical Education

Body-related Knowledge  
Nutrition  
Physical Fitness: jumping jacks, body management, and healthy eating