

English

Students will read the Graphic Novel: When Stars Are Scattered by Victoria Jamieson and Omar Mohamed. They will explore how graphic novelists create characters using picture elements and talk together about expressions, gestures, perspective and power. Students will explore inferences of characters' feelings, thoughts and motives from their actions and justify with evidence. Students will identify how language, structure and presentation contribute to meaning.

Mathematics

In Maths students will study number and place value. They will learn about the meaning of place value and digits, how zero is used as a place holder and its importance. Students will also practise writing numbers in word and digit form. Students will compare the size of numbers and will learn to recognise common errors that can occur with place value. Students will add and subtract tens and hundreds. Students will also study Geometry, exploring properties of 2D and 3D shapes, nets and symmetry - learning about translation, rotation and reflection.

Science

In Science students will learn about famous Scientists and Inventors including Sally Ride, Stephen Hawking, Marie Maynard Daly, Alexander Fleming, Alice Ball, Rachel Carson, Albert Einstein, Mary Leakey and Daniel Hale Williams. Students will learn about the life and work of these inspirational people and carry out investigations, interpret data, make predictions and conclusions, research medical and social advancements and learn about new electronics and technologies.

Computing

Students will learn about strategic searching online and will learn to use search engines with increasing efficiency. They will learn how to refine their searches using various techniques, such as using Boolean operators and using keywords. Students will also learn to look for clues to decide if a website can be trusted and whether the information presented is reliable. They will also learn how search engines work, how their search returns are ranked in a particular order.

Humanities

Students will explore Biomes and their ecosystems. Students will explore factors such as climate, soils and vegetation. Students will research the world's major biomes: rainforest, desert, savannah grassland and tundra. Students will learn how animals and plants adapt to different habitats in hot and cold climates and the impact of global warming and deforestation.

RE

Students will study the topic 'Belief - What is it?' Students will explore the difference between belief and fact? Why /who believes? Do beliefs change? Students will explore world religions and various beliefs. This topic will create interesting discussion and support students to articulate their own beliefs.

Curriculum Newsletter

Term: Autumn A

Class 11 (Siobhan)

PSHE

Students will explore the term identity and explore what that means to them. Students will learn about diversity of families, young carers, gender identity and gender stereotypes.

PE

Students will take part in a wide range of 60 second physical activity challenges.

A fun 'compete against yourself' approach to physical activity with a focus on resilience and perseverance.

Students can track their activities and record their scores.

Creative

Students will explore the styles and influence of Frida Kahlo. Identify the key elements of Kahlo's portraits that relate to her feelings. Practise painting techniques to create the human form and buildings. Students will explore the sculpture of Miró, identifying key techniques, style and influences. Students will sketch a plan for an abstract sculpture that reflects their chosen landscape, using negative drawing techniques.

Social Communication

This lesson encourages students to think and discuss what impacts on their emotional wellbeing and mental health and where they can access support if they ever require it.

Students will also learn about resilience strategies to help support build resilience and coping strategies.

English

Select another graphic novel to read at home:

[Graphic Novels \(padlet.com\)](https://www.padlet.com/)

Watch: When Stars Are Scattered - Official Trailer

<https://youtu.be/111ztD-2QaU>

Mathematics

Learn ones, tens, hundreds and thousands places in this place values video. Students will learn what digits are, and how the value of the digit is determined by what place value it has.

[Place Values For Kids | Ones, Tens, Hundreds, Thousands - YouTube](#)

Science

Famous Scientist and Inventor videos:

[Albert Einstein for Kids - YouTube](#)

[The quick story of Isaac Newton - YouTube](#)

[The story of Charles Darwin - YouTube](#)

Computing

Watch:

[What is the Internet? - YouTube](#)

[The Internet: How Search Works - YouTube](#)

Humanities

Watch:

[Introduction to Biomes - YouTube](#)

[What Are Biomes? | Biome Facts for Kids | Aquatic, Desert, Rainforest, Tundra, Grassland - YouTube](#)

RE

What is belief?

Watch this video to find out more:

<https://youtu.be/ONY4ACYxwdY>

Curriculum Newsletter

Term: Autumn A Homework

Class 11 (Siobhan)

PSHE

Why not create an identity collage about yourself?

You could use magazine images or print images from the internet.

PE

Students can continue their 60 second physical activity challenges at home.

[60 Second Physical Activity Challenges - Youth Sport Trust](#)

Creative

You could draw your own portraits in the style and influence of Frida Kahlo. Practise painting techniques to create the human form and buildings. Build a sculpture using boxes or plastic food containers. Sketch a plan for an abstract sculpture that reflects your chosen landscape, using negative drawing.

Maybe you would like to visit an Art Gallery. These galleries are free to visit. BALTIC Centre for Contemporary Art, Laing Art Gallery, Side Gallery, The Biscuit Factory.