

## **Curriculum Overview for Parents/Carers**

### **SPRING TERM 2025**

Key Stage 4

Class/NC Year

PHOENIX (2)/Yr 10

SUBJECT	SPRING 1	SPRING 2
<b>English</b> Mr Elwers	Topic Content  ✓ Step up to English component 2:  Dystopia:  ✓ • AO1: read and understand a range of texts. Identify and interpret explicit and implicit information and ideas.  ✓ • AO2: explain and comment on how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support views.  ✓ • AO3: compare writers' ideas and perspectives.  ✓ • AO5: communicate clearly, effectively and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences. Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts.  ✓ • AO6: use vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.	Topic Content  ✓ Moby Dick:  ✓ Participate in discussions ✓ ✓ Respond to texts ✓ ✓ Read for information ✓ ✓ Write in a variety of ways ✓ ✓ Listen with understanding
<b>PSHE</b> Mr Elwers	Environmental Awareness:  ✓ Demonstrate an awareness of how humans affect the environment	Environmental Awareness:  ✓ Demonstrate an awareness o how environmental issues affect their life.

Science Miss Hinchcliffe	ELC Component 2 − Biology: Environment, Evolution and Inheritance  Life on Earth is dependent on photosynthesis to fix carbon dioxide and produce the organic molecules used as the fuels for respiration and life processes.  Living organisms interact with one another and their environment in many different ways. Human behaviours may have beneficial or detrimental effects on natural populations and the environment. The chemicals in the environment are continually cycling through the natural world.  Life on Earth has evolved over time by natural selection, which accounts for biodiversity and how organisms are related. The characteristics of living things depend on both their environment and their genome.  Humans can now use genetic engineering to modify organisms.	
College Lancaster & Morecambe Tutors	At Lancaster and Morecambe College the pupils will take part in the following subjects through vocational learning:  Construction Restaurant skills Catering	

# **Maths**Mr Elwers

#### **Entry Level Geometry:**

- Recognise and name squares, rectangles, triangles, circles, and cubes
- Compare and order a group of shapes or pictures or similar shapes of different size and recognise congruent shapes
- Use and understand positional vocabulary
- Recognise and name shapes including pentagons, hexagons and octagons and identify a right-angled triangle from a set of triangles
- Recognise and name cuboids, pyramids and spheres
- Describe the properties of 2D shapes, including straight and curved edges
- Describe the properties of solids
- Understand angle as a measure of turn
- Recognise and name prisms, cylinders and cones
- Draw lines of symmetry on shapes or pictures
- Recognise and draw nets of cubes and cuboids
- Identify whether an angle is less or more than a right angle
- Identify horizontal, vertical and parallel lines
- Denote the position of a point on a grid by its coordinates or identify a point or item given its coordinates
- Use North (N), East (E), South (S) and West (W) to give directions or position from a map

#### **Entry Level calendar and time:**

- Know the days of the week and their order
- Read the time to the hour or half hour on an analogue clock and draw the hands on a clock to show these times
- Order familiar events
- Know the seasons and months and their order
- Know that 1 week = 7 days; 1 day = 24 hours; 1 hour = 60 minutes; 1 minute = 60 seconds
- Read the time displayed on an analogue or 12 hour digital clock in hours, half hours and quarter hours and draw the hands on a clock or the digital display to represent these times
- Read the time to the nearest five minutes on an analogue clock, draw the hands on a clock to show the time, and read any time on a digital clock
- Find the difference between two times given in hours, half hours and quarter hours.
- Solve problems involving time
- Know that there are 365 days in a year, 366 days in a leap year, 12 months in a year and 52 full weeks in a year
- Use a calendar and write the date correctly (day/month/year)
- Tell and write the time from an analogue clock, including using Roman numerals from I to XII
- Understand and use the 12hour and 24-hour clock systems and convert from one system to the other
- Convert between hours, minutes and seconds
- Add up to three lengths of time given in minutes and hours

#### **Colour wheel Felt Making** ✓ Shape ✓ Pupils will explore natural ✓ Colour forms looking at Fauna and ✓ Shells Flora under sea. They will ✓ Pupils will explore the colour experiment with felt making **ART & DESIGN** wheel. They will be able to create their own wheel and Mrs Faucitt explore more complex colours by mixing. They will extend skills painting shells Volunteering Volunteering ✓ Continue to work towards the ✓ Continue to work towards the section. section. ✓ Complete section. **Physical** ✓ Get assessor report. ✓ Continue towards the section. **Physical** Skill ✓ Continue to work towards the section. Continue to work towards the ✓ Complete section. section. ✓ Get assessor report. Skill **Duke of** ✓ Continue to work towards the **Edinburgh** section. ✓ Complete section. Miss Taylor ✓ Get assessor report. **Expedition overview** ✓ Countryside code of conduct. ✓ Basic grid references / map work. ✓ Pupils to check/service equipment. ✓ Camp craft skills. ✓ Emergency procedures/first aid/road safety. ✓ Expedition food ✓ Fitness walks around the local area / practicing map reading skills. ✓ Volunteering work. ✓ Put up tents