



YSGOL ALEXANDRA

Cross Curricular Map – Spring 1 2025

Triad – Year 3&4



Driver AoLE	Topic Overview:	Hook/Experiences
Science & Technology	<ul style="list-style-type: none"> Understand our place in the universe (earth is a part of a solar system) Investigate the night sky and explore constellations Plan, carry out and evaluate our own science experiments Learn about what 'light' is and how it can be made naturally and by humans. Answer big science questions each week and explore further to deepen understanding Research and learn all about the moon and how that affects our planet. 	Hook: video from a NASA astronaut asking the children to become space cadets. Use this to underpin the topic and give it a purpose with the final challenge being to teach the year 2s what they have learned and lead a science investigation with them.

Literacy:

- I can find and use information from a range of sources, including digital texts, to support my understanding of topics and ideas.
- I can respond to what I hear, read and view, asking questions and showing understanding of information and ideas.
- I can organise, structure and present information appropriately, using features of non-chronological reports.
- I can write using an increasingly varied and precise vocabulary to explain, describe and inform.
- I can edit and improve my work, taking account of audience and purpose.

Numeracy:

- I can explore and use different ways of representing and interpreting information, including tables, simple graphs and charts.
- I can measure, record and interpret data accurately, choosing appropriate methods and units.
- I can use number and place value knowledge, including negative numbers, in meaningful contexts such as temperature.
- I can recognise and describe patterns and relationships and use these to support problem-solving and reasoning.

Health & Wellbeing:

- I can recognise the importance of physical activity, rest and wellbeing in keeping my body healthy.
- I can develop confidence and resilience by working independently and collaboratively to solve problems and complete challenges.
- I can reflect on my own learning and consider how my choices and actions affect myself and others.

Cymraeg:

- I can speak with expression and gestures to communicate my ideas.
- I can communicate using an increasingly varied vocabulary.
- I am beginning to use appropriate language to talk about events in the past and future.
- I can communicate ideas, information and feelings using an increasing range of vocabulary and sentence patterns.
- I can use language to describe events, objects and experiences related to familiar contexts.
- I can participate in discussions, taking turns and responding appropriately to others.

Lessons From the Past

RVE:

- How people respond to the deeper questions of life in order to understand the human condition. (Search for meaning and purpose)
- I can explore questions about meaning, purpose and the natural world, reflecting on different ways people seek to understand the universe.

Science & Tech incl DCF:

- I can ask questions, make predictions and plan investigations to help me explore and understand the world around me.
- I can explore the properties of materials and how light behaves, including reflection, shadows and darkness.
- I can recognise that energy and forces play an important role in shaping our universe and everyday experiences.
- I can collect, record and analyse data from investigations to help me draw conclusions and evaluate outcomes.
- I can design and create solutions using materials, tools and digital technologies, selecting appropriate resources for a given purpose.
- I can use computational thinking skills to create and follow algorithms, identify patterns and explain outcomes.

Humanities:

- I can explore how people's understanding of the world has developed over time through observation, enquiry and discovery.
- I can recognise that human actions can have an impact on the environment, including the night sky.
- I can begin to understand how people from different cultures and times have interpreted and explained the world around them.

Expressive Arts:

- I can explore ideas and express them creatively using a range of materials, techniques and processes.
- I can respond to stimuli, including sound, images and experiences, to inspire imaginative and creative work.
- I can develop resilience and flexibility when experimenting with creative ideas.