Year 5 Computing – Learning Journey

Autumn

Online Safety:
- The impact sharing digital content can have.
- How to maintain secure passwords.
- Referencing sources in work.
- Reliability in different methods of communication.
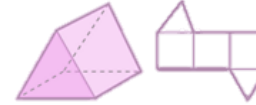
Computing Systems and Networks:
- Recognising IT systems in the world.
- Understanding how some IT systems can enable searching on the internet.
- Keeping personal information safe online.

Spring

Creating Media:
- Explore the effects of moving points when designing.
- Design a 3D model to fit certain criteria.
- Refine and print a model.

Programming A:
- Explore conditions as a means of controlling the flow of actions in a program.
- Use repetition and conditions to write algorithms.
- Design and make a working model.

Summer

Data and Information:
- Use tools to answer and order data about questions.
- Create graphs and charts to help solve problems.

Programming B:
- Develop knowledge of 'selection' and 'conditions'.
- Write programs that ask questions and use selection to control the outcomes.
- Design a quiz.