Our Computing Curriculum

Computing at The Cedar School

Our Computing curriculum enables pupils to develop and progress their skills and understanding, at their individual level, in the three areas of Computer Science, Digital Literacy and Information Technology.
Internet safety is of prime importance and links closely with our Personal, Social, Health and Economic Education curriculum. Pupils are timetabled for one discreet lesson each week although computing learning is applied across the whole curriculum. Computing activities challenge each and every pupil and promote independence for all.

Communication
Children will learn appropriate Computing related vocabulary, for example when using algorithms in programming. Discussions around staying safe when communicating digitally will be sensitively explored and pupils will be encouraged to apply their Computing knowledge in other curriculum areas.

Empowerment
Children will be empowered to develop their independent computational thinking skills and how this applies to life outside of school. We want our pupils to be active and safe participants in a digital world.

Discovery
Children will have the opportunity to discover a world of technology and its place in our lives. All pupils will access a range of digital devices. If appropriate, pupils will explore assistive technology to enable them to access the Computing curriculum.

Aspiration
Children will learn to develop skills relevant to their age and stage of development through fun, motivating and creative activities. Where appropriate children will have the necessary skills to embrace formal learning and accreditation in their future education.

Resilience
Children will learn resilience and problem solving through practical application of computing skills in real life scenarios. They will learn to review, modify and evaluate their work.

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Pre Formal Stage

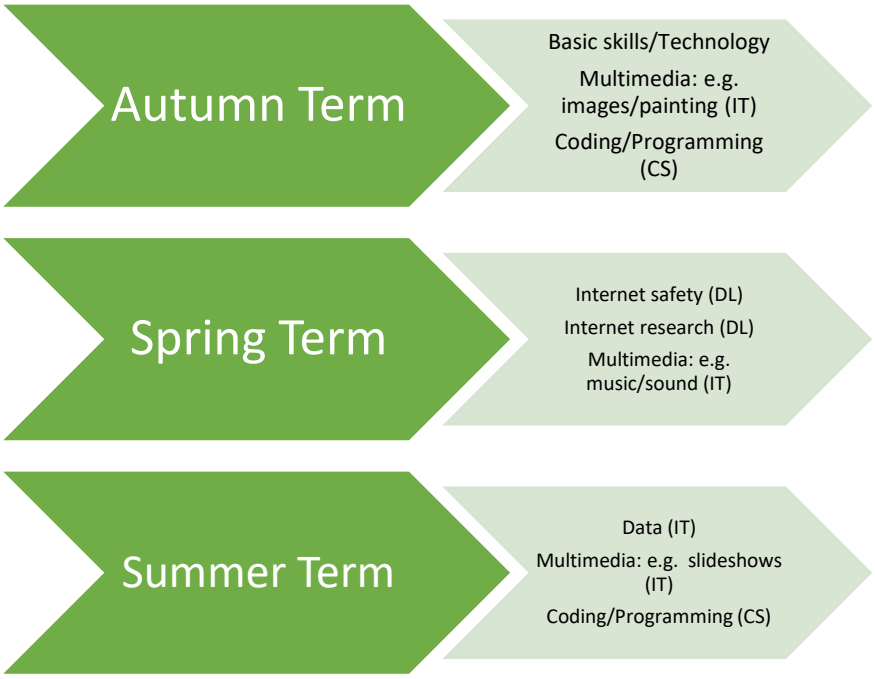
- Children will work on developing targets from the Engagement profile with inspirational and exciting experiences chosen from My Cognition
- Children will study for accreditations in Key Stage 4

Semi Formal

- Children will work on developing skills to support their independence and communication
- Children will study for accreditations in Key Stage 4

Formal

- Children will work on refining and applying their skills through the Cedar curriculum
- Children will study for accreditations in Key Stage 4



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