St Andrew's Computing Curriculum

Year A	Autumn From Land's End to John O'Groats *What does it mean to be British?*	Spring To the Edge of the World *What does it mean to have courage?*	Summer All Things Bright and Beautiful *Why is it important to look after our world?*
Year 1&2	Y1- Technology in our classroom/Creating Media Code.org drag and drop, Paintz.app Y2- Computing systems/Creating Media-digital photography Google Classroom, Ipads, pixlr.com	Y1- E Safety. Moving a Robot / Grouping Data Beebots, Code and Go Mice, Google Classroom- Slides Y2- . E Safety Programming algorithms/Making music Beebots, Code and Go Mice, sChrome Music	Y1- E Safety. Digital Writing / Programming animations Google Classroom- docs, Scratch Jnr Y2- E Safety Digital Pictograms/ Programming B- quizzes Lab, Scratch Jnr,J2e Pictogram
Year B	Autumn Where we Live *What does it mean to belong to a diverse community?*	Spring Changing homes, changing times. *How can I become an agent of change?*	Summer On the Farm *Where does our food come from and how can we make sure there's enough for everyone?*
Year 1&2	Y1- Technology in our classroom/Creating Media Y2- Computing systems/Creating Media-digital photography	Y1- E Safety. Moving a Robot / Grouping Data Y2- . E Safety Programming algorithms/ Creating Media-music	Y1- E Safety. Digital Writing / Programming animations Y2- E Safety Digital pictograms/ Programming B- quizzes

Year A	People on the Move *Why did people go on journeys?* *What does migration look like in modern times?*	Spring Children of the World *How do different people live around the world?* *Why is diversity important?*	Summer Our Strength Within *How do people adapt to challenges?*
Year 3&4	Y3: Computing systems & networks. Creating media (pictures and films). E-safety Paintz.app, Ipads with i-movie or Chromebooks with stop motion/ powtoon Y4: Computing systems & networks. Creating media (audio) Reading podcast. E-safety Chromebooks, Audacity or ipads with i-movie	Y3: Programming - creating sounds & branching databases. E-safety. Scratch, J2e Branch Y4: Programming - repetition in shapes & data logging. E-safety FMS Logo, TTS data logger or Arduino science journal app	Y3: Creating media - desktop publishing. Events & actions. E-safety Canva, Scratch Y4: Creating media (photos - World War 2 photos). Repetition in games. E-safety. Canva or paint.net/ be funky/ luna pic, Scratch

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Year B	Back to the Stone Age! *Why is it important to be resilient?*	Roman Invaders! *What is Legacy? How do we see the Roman legacy today?*	From the Moor to the Sea *How does learning about our local area affect how we protect it for the future?*
Year 3&4	Y3: Computing systems & networks. Creating media (pictures and films). E-safety Y4: Computing systems & networks. Creating media (audio) Reading podcast. E-safety	Y3: Programming - creating sounds & branching databases. E-safety. Y4: Programming - repetition in shapes & data logging. E-safety	Y3: Creating media - desktop publishing. Events & actions. E-safety Y4: Creating media (photos - Dartmoor / Seascapes). Repetition in games. E-safety.

Year A	Autumn The Power of Propaganda *How does the media impact/influence society?*	Spring Echoes of Destruction *What is the environmental impact of mankind?*	Summer Citius, Altius, Fortius *What will be your legacy?*
Year 5&6	Y5 E-Safety Sharing information / Video Editing Chromebooks, Ipads with i-movie, do-ink app Y6: E-safety Communication / Web page creation Google Classroom or Scratch, Google sites	Y5: E-Safety Selection in physical computing / flat file database Crumble, J2e database Y6: E-safety Variables in games / spreadsheets Scratch, Google slides or sheets	Y5: E-Safety Vector drawing / Selection in quizzes Vectr or Google drawings or Vecteezy, Scratch Y6: E-safety 3D modelling / sensing Tinkercad, Micro:bits
Year B	**Autumn** **A single thread does not make a cloth** ***How is our culture enriched by diversity?***	**Spring** **The Winds of Change…** *What Can We Learn From Our Ancestors?*	**Summer** **All Aboard!** *Is progress always positive?*
Year 5&6	Y5: E-Safety Vector drawing / Sharing information Y6: Code.org Course F, E-safety Micro Bit programming / 3D modelling	Y5: E-Safety Selection in physical computing / flat file database Y6: Code.org Course F, E-safety Communication / Web page creation	Y5: E-Safety Selection in quizzes/ Video Editing Y6: Code.org Course F, E-safety sensing/ spreadsheets