Medium Term Planning Year 6 Computing Summer 2019

Summer One – Sketch Up

Curriculum Reference

Select, use and combine a variety of software to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Week 1	LI: To understand the importance of being kind online.	What is a 'troll'? Why might some people write unkind comments online? How would it make you feel if you were the recipient of unkind comments? https://www.bbc.com/bitesize/clips/z9rw7ty Give out scenarios that involve people being disrespectful online, children are to suggest ways in which to resolve each scenario.
Week 2	LI: To design 3D shapes with decorated faces.	Revise some of the tools that were used in the Year 5 Sketch Up lessons. (Rectangle, pull up, fill and orbit tools.) Children are to experiment with creating different 3D shapes and decorating the faces of each. Challenge – watch support video and try to create a sphere in Sketch Up.
Week 3	LI: To design and combine shapes to create a sweet treat using extended tools within Sketch Up.	Ask one of the more able pupils who created a sphere in the last lesson to demonstrate how this was done. Model how to use the Sketch Up tools to also create other more complex 3D shapes such as a cone or doughnut. Ask children to now combine two or more of these more complex shapes to design an ice cream cone or similar sweet treat.
Week 4	LI: To use the Sketch Up tools to create a 3D design for an aspect of their D&T topic – Plan a Picnic.	Get the children to share ideas about what they have planned to make in their groups for the picnic they are planning in D&T. Model how to use the 'follow me' and 'move' tools to create complex shapes. Now ask each child to create a 3D design which shows what they want the end product for their picnic to look like.
Week 5	LI: To experiment further with advanced tools and shapes.	Show pupils how to access the '*Advanced designing with Sketch Up*' video https://www.youtube.com/watch?v=F3KSfbGpRtw to find out more advanced options. Use these tools to amend their picnic design. Children are to complete self-assessment badges for this topic.

<u>**Summer Two – Animations using Green Screen**</u>

<u>**Curriculum Reference**</u>

Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information.

Week 1	<u>LI: To identify 'spam' emails and know how to act if these are received.</u>	Discuss what we mean by 'spam' when emailing. How are these emails identifiable? What should you do if you receive an email you think is spam? What could you do if you weren't sure? Children log into their myuso accounts and locate the 'Can the Spam' game on Cyber Pass. Play and discuss the outcomes.
Week 2	<u>LI: To learn about what Green Screen is and when it is used.</u>	Show children different clips in which Green Screen is used. Create a short news report in pairs using Green Screen.
Week 3	<u>LI: To storyboard ideas for a non-fiction video using Green Screen.</u>	Discuss different times when Green Screen is used. E.g. Weather report, a visit to a different location or place in time etc. Get children to work in groups of four to plan out what they want their video to include. Links could be made to topics studied in other curriculum areas.
Week 4	<u>LI: To film the segments of the video that require Green Screen.</u>	Using the skills they learnt in the previous week, the children will film at least three segments of their video using Green Screen.
Week 5	<u>LI: To use Clips or iMovie to put the video together.</u>	Demonstrate the features of Clips and iMovie to the children. Children work in their groups to put the video together. Children will export their final video and save in their folders.
Week 6	<u>LI: To evaluate my own and others' work.</u>	Watch the different videos in class. Children will peer-assess each other's work before completing their self-assessment badges for this topic.