YEAR 4 Computing - Knowledge Organiser

Focus: Design

Overview:

In Computing, you will be using software to design and create a range of games, pictures as well as a virtual Christmas Card. You will be using Scratch to accomplish your goals.

Key Vocabulary:

Tutorial
Algorithm
Program
Sequence
Events
Animation
Image
Scratch
Virtual
Evaluate
Audience

What to expect in lessons:

1. To keep safe when using social media and the internet.
2. To explore existing tutorials to create animations.
3. To aminate a name using a tutorial for guidance.
4. To create a Ping Pong game using a tutorial for guidance.
5. To create a Christmas Card using a tutorial for guidance.
6. To create a Christmas Card using a tutorial for guidance.

Key Skills:

I Can…

- Create Animations ☐
- Create Games ☐
- Use Tutorials ☐
- Understand Coding ☐
- Evaluate Animations ☐

Previous skills you can draw upon to help in this topic…

Skill of finding images, resizing and adding to task.

Skill of adding animations.

Skill of evaluating completed task.

Time To Present

An animated Christmas Card

Software For Extra Practice:

Use Scratch

Websites For Extra Support:

https://scratch.mit.edu/

https://www.nspcc.org.uk/keeping-children-safe/online-safety/talking-child-online-safety/