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| **New Vocabulary** | |
| Animation | where a number of pictures are drawn or taken of an object, and the pictures are shown quickly, which makes it look like the object or picture is moving. |
| Onion skinning | A technique used in animation where frames are layered transparently. |
| Sequence | A particular order in which things follow each other. |
| Stop motion | A technique where the camera is repeatedly stopped and started. |
| Transition | Moving from one shot to the next. |
| Consistent | Keeping things the same. |

Cartoon of a person holding a spear

Description automatically generatedCartoon character holding a sword

Description automatically generated**A diagram of a person's figure

Description automatically generated**  

**Prior Learning**

**In Year 1/2, pupils learned:**

Purpose – Why we do it

Review – To think about it and make changes to it

Digital Photography - How to take a ‘good photograph’ including holding the device with both hands, pointing at the subject, moving the device to see everything clearly etc.

**In Year 3/4 pupils learned:**

In Year 3, pupils learned how to review other examples of work (using data loggers).

In Year 3, pupils have imported sounds to add layers to music.  
They learned that evaluating means deciding if something is your best or how it could be improved.

**Topic: Animation**

Computing Cycle A

Spring 1 Y3/4

**New Knowledge**

In animations, some things need to be consistent, e.g., the character and the background stay the same.

Some things may change. An example is when the character moves position.

Onion skinning helps to create an effective animation by showing the previous frame faintly to help you see where to draw next. It helps the animator to ensure that character movements are smooth and realistic.

Adding other media will make your animation even better. For example, adding music, text, photos, videos or transitions.

**Career links**

An animator - an artist who is involved in creating animations for cartoons, films, video games, etc.

Cinematic lead - Leading a team of animators, usually working closely with television and gaming companies.