
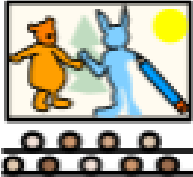

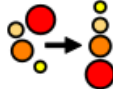
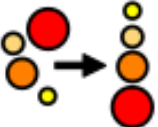





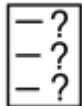


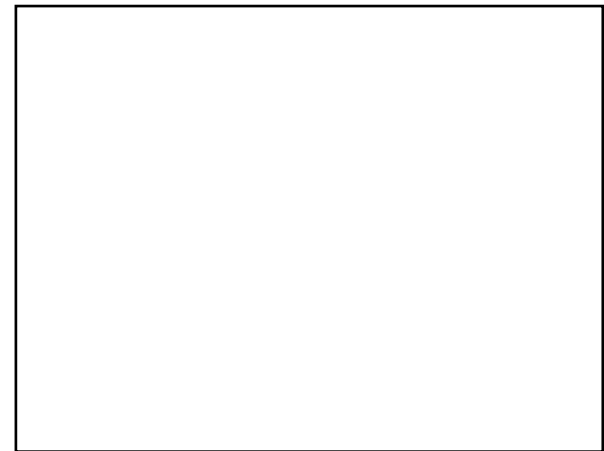
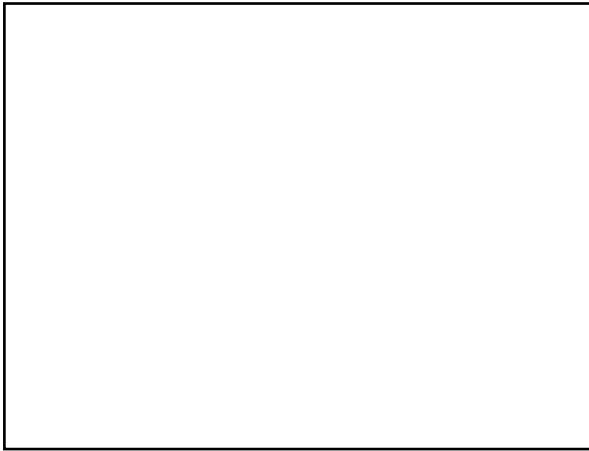
Vocabulary			Knowledge	
Animation	A sequence of images shown quickly to make them look like they are moving		<b><u>Stop-frame animations:</u></b>	
Stop frame animation	A type of animation where you take many still pictures of objects and move them slightly		A <b>stop-frame animation</b> is a way of making objects appear to move.	
Frame	One single image or picture in an animation		It is created by taking lots of photos of objects and moving them slightly between each photo.	
Sequence	The order in which frames are shown		When the pictures are played quickly in order, the objects look like they are moving.	
Storyboard	A plan that shows the sequence of events for an animation		<b><u>Frames and sequences:</u></b>	
Capture	To take a photo of the object for your animation		Each individual photo is called a <b>frame</b> . The order in which the frames are shown is called a <b>sequence</b> . The more frames you have, the smoother the animation looks.	
Onion skinning	A feature that shows a faint image of the previous frame to help with smooth animation		<b><u>Storyboards:</u></b>	
Playback	Watching the animation after all the frame have been captured		Before making an animation, it's helpful to plan using a <b>storyboard</b> . A <b>storyboard</b> is a series of pictures that shows what will happen in each scene. This helps you organise the sequence.	
Transition	How one frame moves smoothly to the next		<b><u>Capturing movement:</u></b>	
Camera	The device used to capture frames for the animation		To make the animation, you <b>capture</b> each frame with a camera. Objects are moved a little bit between frames.	
			<b><u>Onion skinning</u></b> is a tool that helps by showing a faint image of the previous frame so you can see how much to move the object.	
			<b><u>Playback and editing:</u></b>	
			After capturing all the frames, you can <b>playback</b> the animation to see it in motion. You can also edit frames to improve the timing or movement. Timing is how long each frame is shown for and adjusting it makes the animation faster or slower.	

Quizzing		Quiz at home
Ask your partner the questions below. Can they find the correct answer on the right-hand side?		Ask your adult to look at the KO.
What is one single photo in an animation called?		Quiz them using the vocabulary and knowledge section or the quiz questions. <ul style="list-style-type: none"> <li>• Can they beat your score?</li> <li>• Can they score more than 5? 10?</li> <li>• Compete with your adult in the elimination quiz. Take it in turn to ask each other questions. The first person to get a question wrong is out.</li> </ul>
What makes an animation look smoother?	To plan the sequence of actions	
	Sequence	
What is the plan before creating an animation called?	Camera	
What is the final step after capturing all frames in a stop frame animation?	To see the previous frame lightly for smoother motion	
The order in which frames are shown is called?	Frame	
What is the device used to take photos called?	Playback	
Why do we use a storyboard before making an animation?	Storyboard	
Why do animators use <b>onion skinning</b> ?	More frames	
BIG Questions		Beat the adult
<ol style="list-style-type: none"> <li>1. What is stop frame animation and how does it make objects appear to move?</li> <li>2. Why is it important to plan your animation with a storyboard before taking photos?</li> <li>3. How does the number of frames affect how smooth an animation looks?</li> <li>4. How does <b>onion skinning</b> help animators?</li> <li>5. Why is timing important in animations?</li> </ol>	Your teacher can give <b>10 facts in 1 minute</b> about this topic.  How many can you give to your partner? 	 
Word scramble	Creative Tasks	Challenge
Unscramble the key vocabulary from this topic below. You can create your own at the bottom	<ol style="list-style-type: none"> <li>1. Draw characters on paper, cut them out, and animate them in a simple story.</li> <li>2. Animate a character doing a silly dance move.</li> <li>3. Write a word (like hello) and animate each letter appearing or moving in place</li> </ol>	Make two animations of the same action (e.g. a toy car moving) One with <b>fewer</b> frames and one with <b>more</b> frames. which looks smoother? Why? <div style="border: 1px solid black; height: 150px; width: 100%; margin-top: 10px;"></div>
anmntoiai		
amfer		
sucneege		
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Enquiry  
Storyboard

Design a storyboard for an animation with 3-4 different scenes.

Plan actions, movements and transitions for each scene before you start capturing frames.

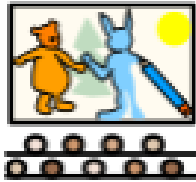


## Knowledge

### Stop-frame animations:

A  is a way of making objects appear to move.

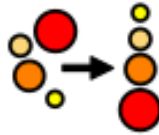
It is created by taking lots of  of objects and moving them slightly between each photo.



When the pictures are played quickly in order, the objects look like they are .

### Frames and sequences:

Each individual photo is called a . The order in which the frames are shown is called a . The frames you have, the smoother the animation looks.



### Storyboards:

Before making an animation, it's helpful to plan using a . A **storyboard** is a series of pictures that shows what will happen in each scene. This helps you  the sequence.

### Capturing movement:

To make the animation, you  each frame with a camera. Objects are moved a little bit between frames.

is a tool that helps by showing a faint image of the previous frame so you can see how much to move the object.

### Playback and editing:

After capturing all the frames, you can  the animation to see it in motion. You can also  frames to improve the timing or movement.  is how long each frame is shown, and adjusting it make the animation  or slower.



## Knowledge

### Stop-frame animations:



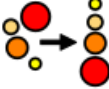


### Frames and sequences:

### Storyboards:

### Capturing movement:



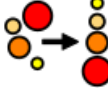

Write the definition for each of the following words

Vocabulary

Animation		
Stop frame animation		
Frame		
Sequence		
Storyboard		
Capture		
Onion skinning		
Playback		
Transition		
Camera		

Write the vocabulary word for each definition

Vocabulary

	A sequence of images shown quickly to make them look like they are moving	
	A type of animation where you take many still pictures of objects and move them slightly	
	One single image or picture in an animation	
	The order in which frames are shown	
	A plan that shows the sequence of events for an animation	
	To take a photo of the object for your animation	
	A feature that shows a faint image of the previous frame to help with smooth animation	
	Watching the animation after all the frame have been captured	
	How one frame moves smoothly to the next	
	The device used to capture frames for the animation	