



Good morning Unicorns!

Here's your work for today: Friday
15th May



Farnborough Primary School's Film Festival 2020!



We are going to be creating our own animations to enter into the inaugural 'Farnborough Film Festival 2020'.

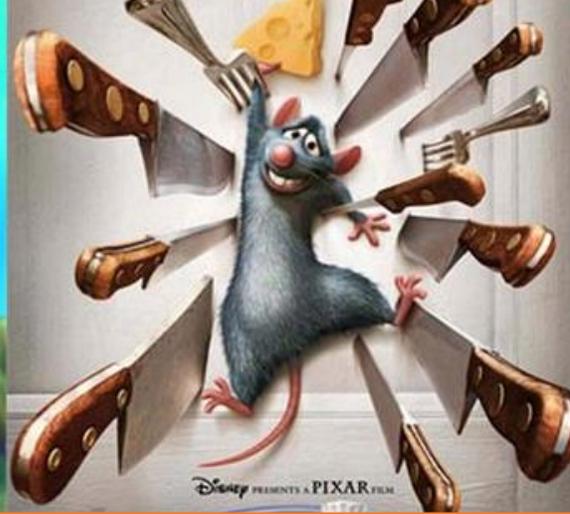


Activity	Time
Investigating animation	1 hour
Testing out the app	45 minutes
Planning animation	30 minutes
Creating animation	1 hour

I hope you are all excited to get started with today's project!

First of all, what is
animation?





Animation is a way of making a movie from many images.

From the Creators of Toy



©Disney Pictures. A PIXAR Film

There are 5 different types of animation:

1. 3D computer animation e.g. Frozen, Toy Story 4
2. Traditional animation (also called hand-drawn animation) e.g. Lion King
3. 2D animation e.g. Bugs Bunny
4. Motion graphics e.g. Motion graphics examples
5. Stop motion animation e.g. Wallace and Gromit

Watch the video links to compare the different styles of animation. Make notes on how they are all different.

We are going to be creating our own **stop motion** animation films today.

What is stop motion animation? Talk with an adult about what you think it might be.



Watch this video about stop motion animation. Write down a definition for what you think stop motion is after you have watched it.



[Click here if video does not play automatically - watch the first 3 minutes of the video only.](#)

Stop Motion Animation is a technique used in animation to bring non-moving objects to life on screen. This is done by moving the object a tiny amount and taking pictures each time (each picture is called a frame). When all the frames are played in sequence it shows movement.



How many frames (pictures) do you think are used in films to make 1 second worth of animation?

100?

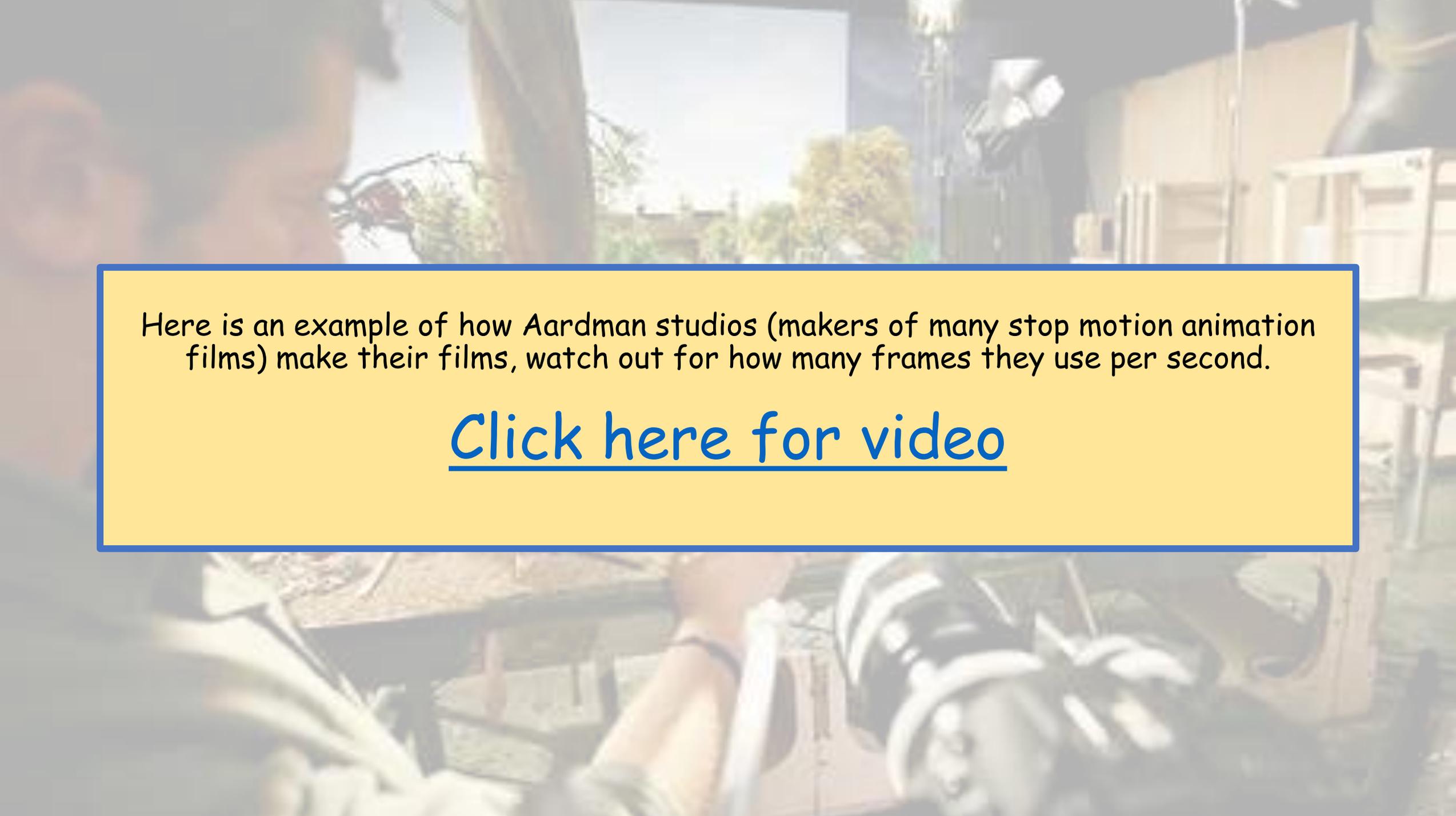
15?

2?



Professional stop motion often uses around 24 frames per second (that means, for every second of the film there are 24 pictures taken).

Most people use between 12 and 15 frames per second to make animations.



Here is an example of how Aardman studios (makers of many stop motion animation films) make their films, watch out for how many frames they use per second.

[Click here for video](#)

In [this video \(click here\)](#), there is an animation created with different frames per second.

Can you see how the frame rates make the video look different?



Paper Stop Motion



Fruit and Vegetable Animation



Morph Animation



Watch these examples of stop motion animation films.

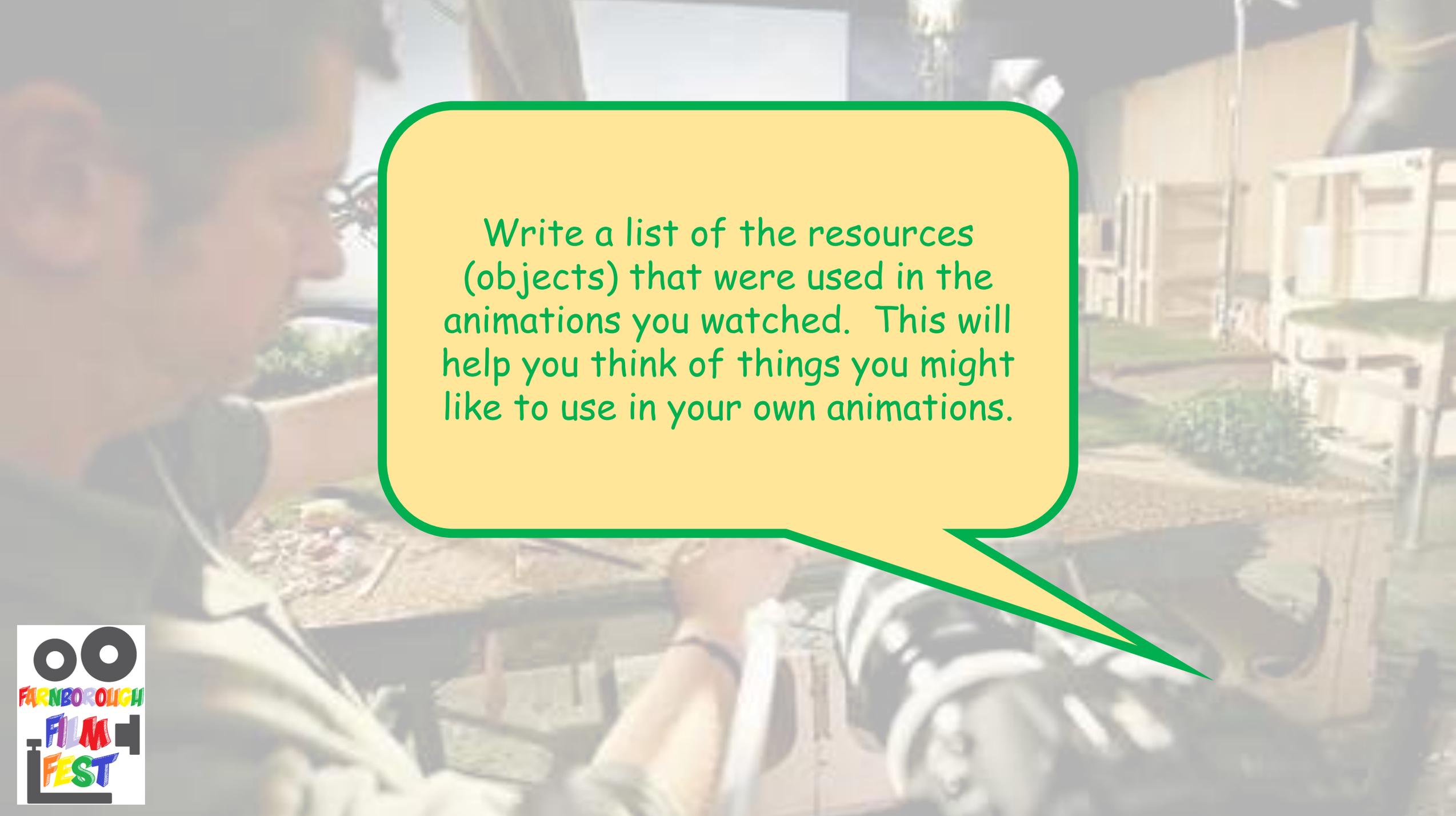
Which are your favourite examples of stop motion and why?

Clay Shapes Animation



Lego Cars Animation





Write a list of the resources (objects) that were used in the animations you watched. This will help you think of things you might like to use in your own animations.

You will need to download the app called Lego Movie 2 Movie Maker onto either a phone or a tablet (it is free, but get an adult to help you with this!)

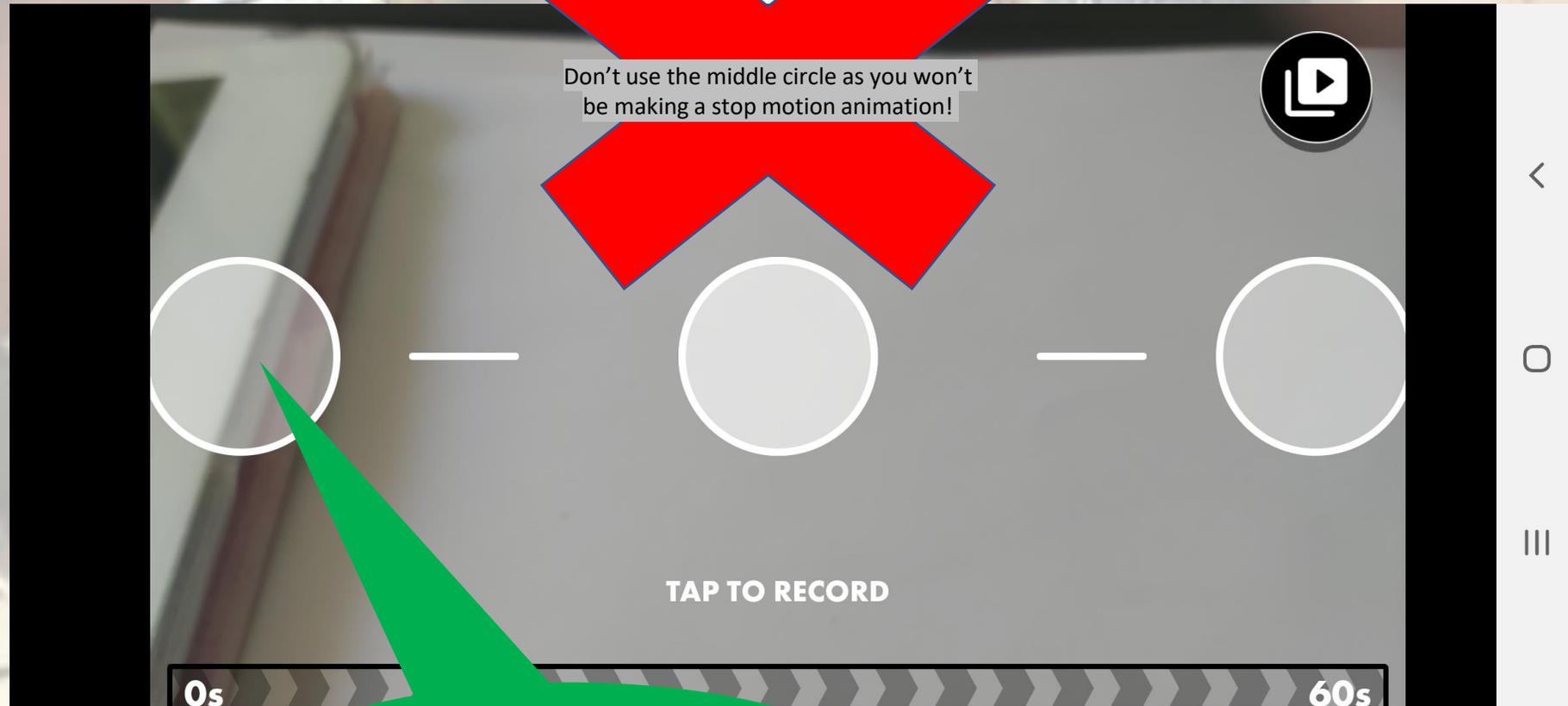
If you don't have access to a phone or a tablet, you can use paper to make a flip book animation: [click here to practise](#)



On the next few pages I will show you how to use the app so you can practise before you make your own animation.

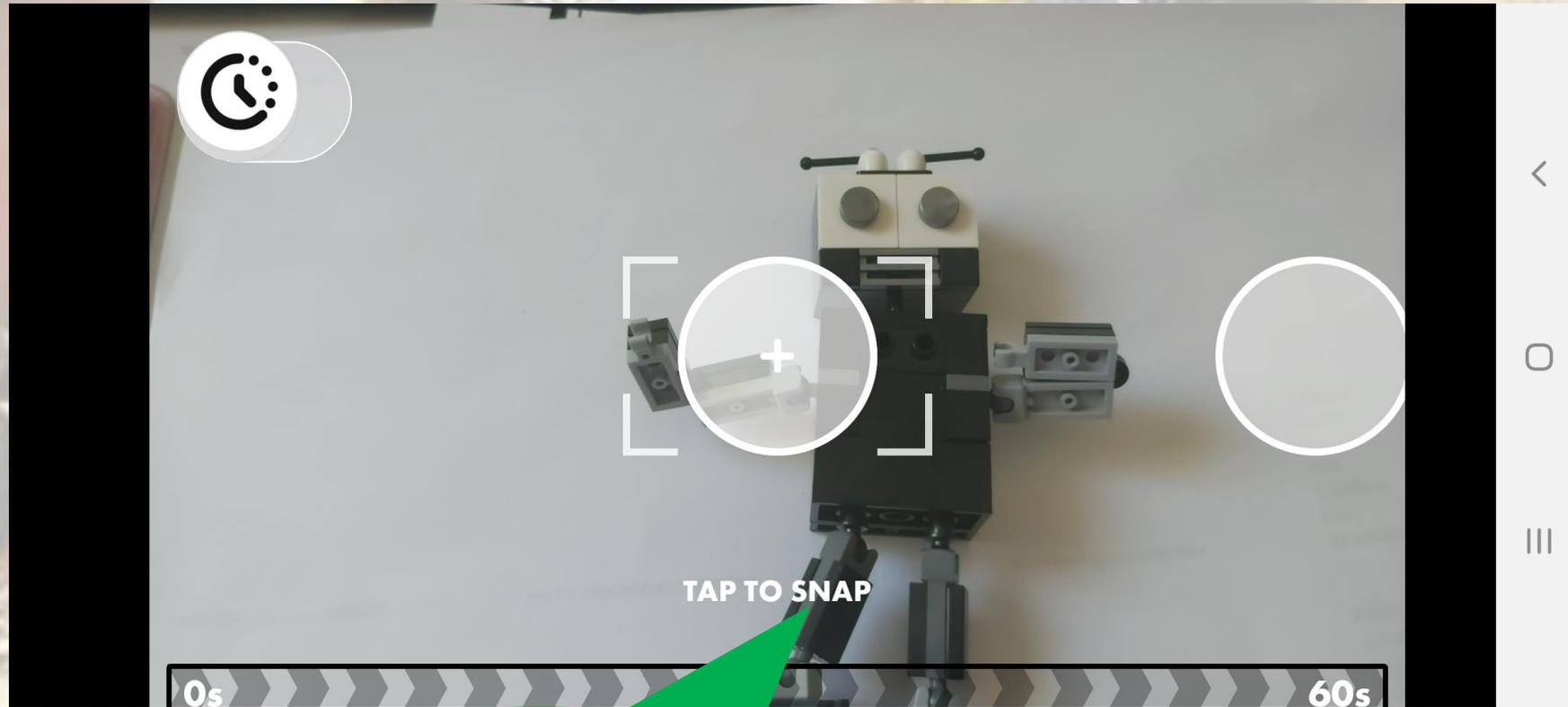


How to take the pictures for your animation using the app



You need to press this circle so you make a stop motion film and not a regular film.

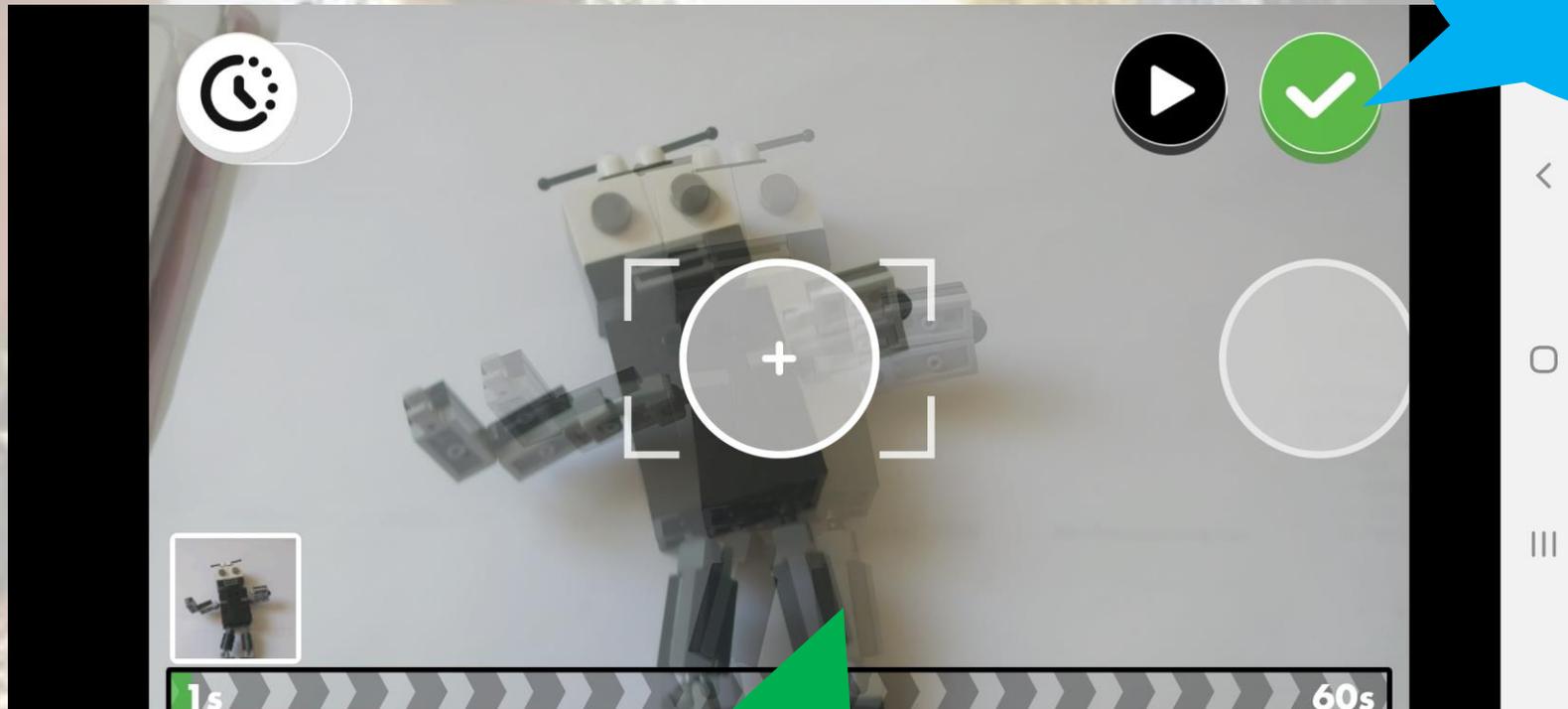
How to take the pictures for your animation using the app



Make sure it says 'tap to snap' here, then you are ready! Tap the circle every time you want to take a picture.

How to take the pictures for your animation using the app

When you have taken all your pictures for the whole animation, press the green tick.



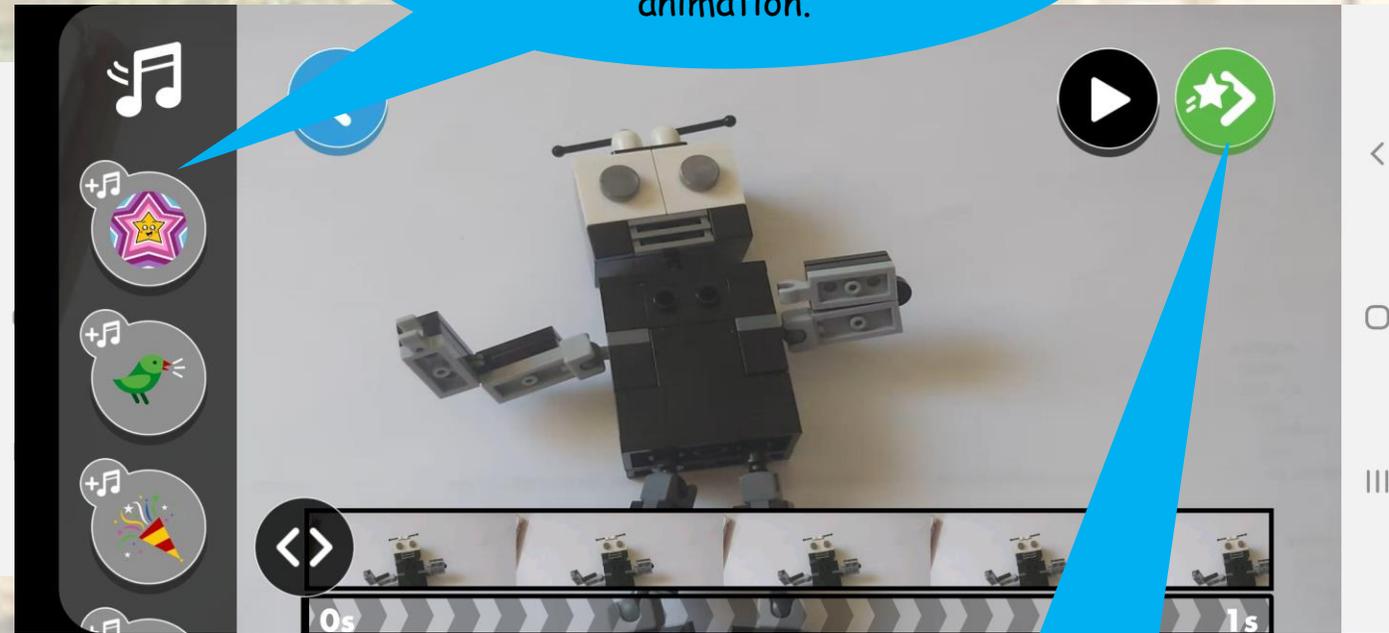
The app shows you where the object (I used a robot) was in your last picture to help you remember. Click the circle to take all your pictures.

How to add music to your animation

1. Press this button to get to the songs



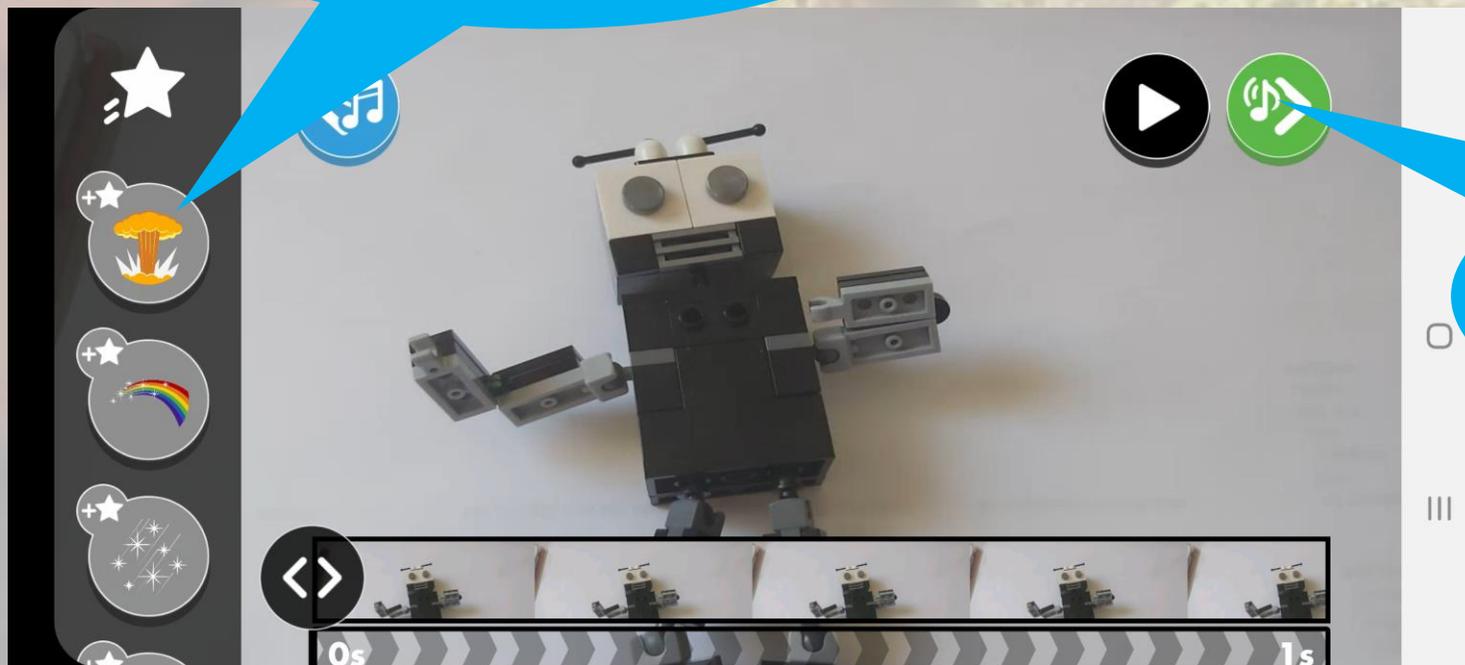
2. Choose the music you want. Click and hold on it for a second, then drag it where you want it to start in your animation.



3. When you have added music if you want it, press the green button.

How to add special effects to your animation

1. Choose the special effect you want. Click and hold on it for a second, then drag it where you want it to start in your animation.

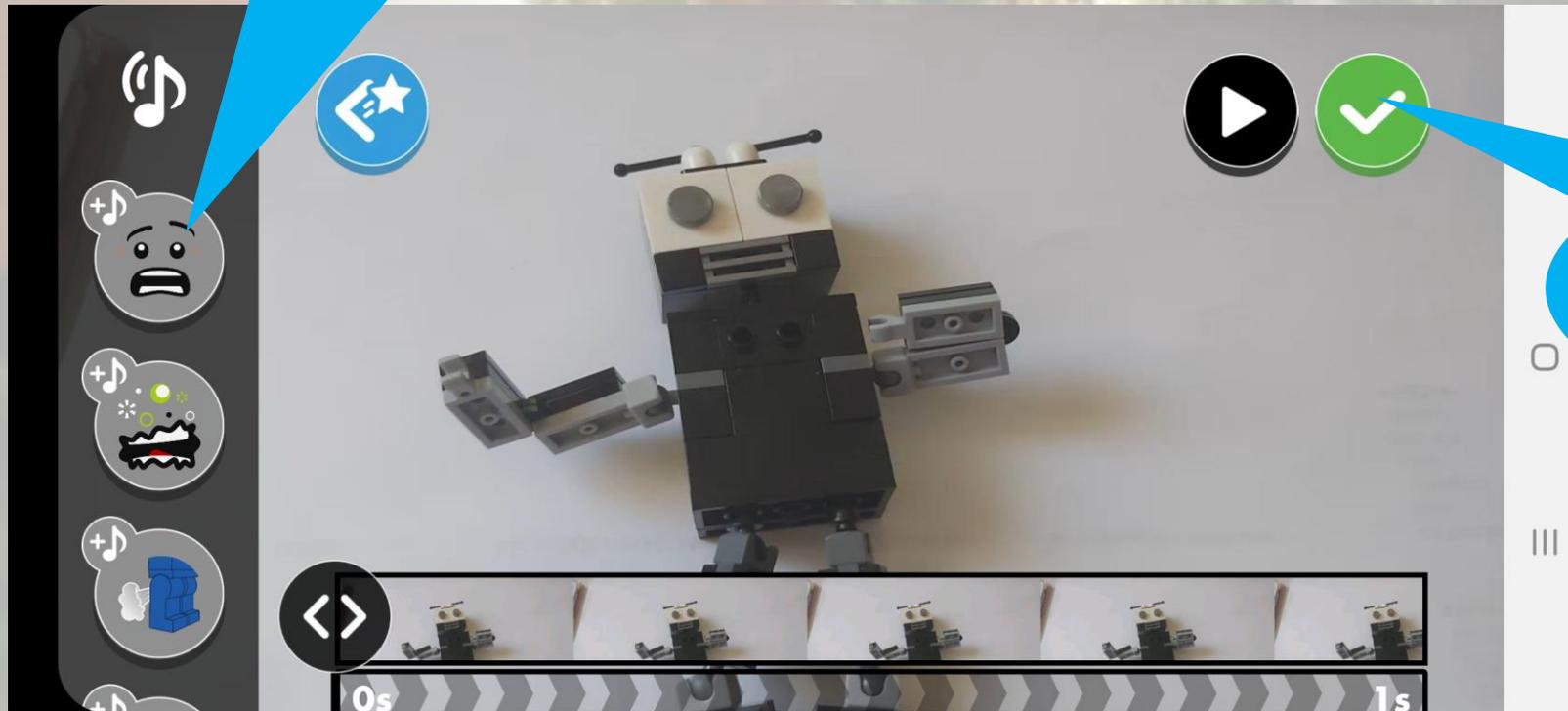


2. Click the green button when you are done.

How to add sound effects to your animation

1. Choose the sound effect you want. Click and hold on it for a second, then drag it where you want it to start in your animation.

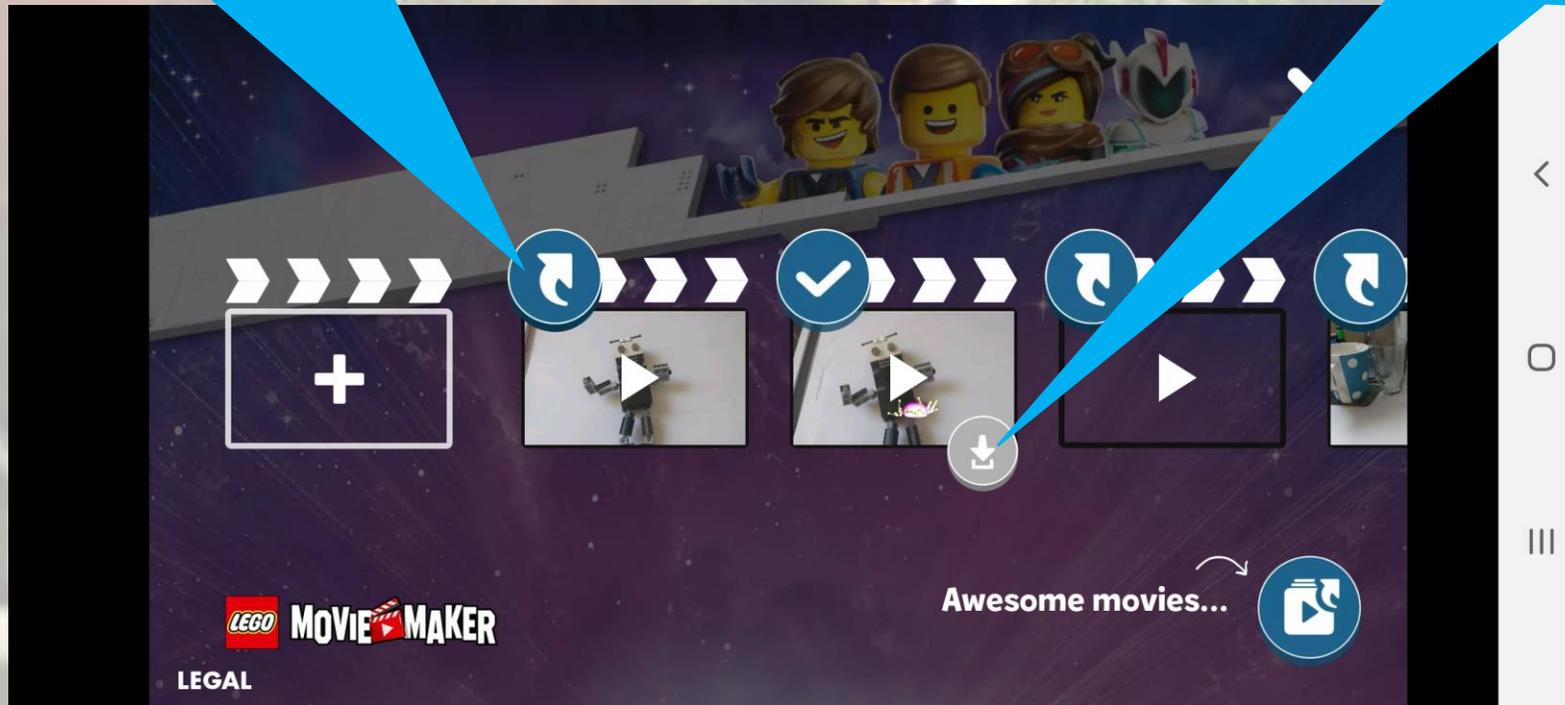
2. Click the green button when you are done.



How to watch and share your animation

1. Press the play button to watch your animation. To share it, you need to ask an adult to make a free Lego account by pressing on the arrow to be able to download your animation.

2. When you have done this, you will be able to download your animation to share with your teacher by pressing the grey button.



The less you move the object each time, the more realistic your animation will look



THE LEGO® MOVIE 2™ Movie Maker 9+

LEGO® movies made by you!

LEGO

★★★★★ 3.2, 473 Ratings

Free

Have a go at using the app so you get used to what you will need to do when making your own animation. Perhaps try moving an object across a table, moving it a little bit at a time and see what it looks like when you play your animation back.



Now you know how to use the app, it's time to think about what you want your animation to be made with! Don't forget you might want to make or draw a background as well to help tell your story.

Look back at what resources the stop motion films we looked at used, and think about what you have in your house to use to make your own. There are some ideas on the next slide, but feel free to use whatever you can think of!



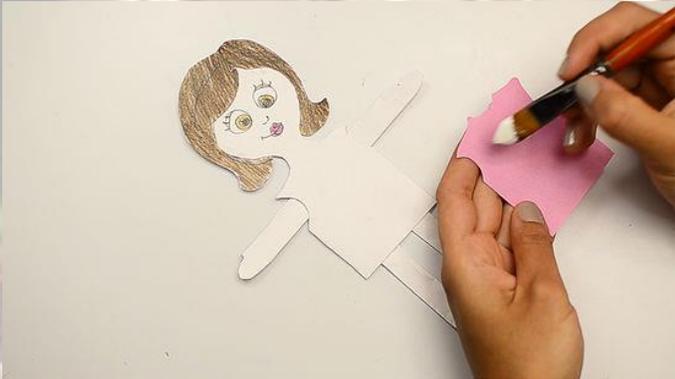
Lego/Playmobil
etc



Clay/playdough



Paper/cardboard



Food



Toys



What have you
chosen to use? Get
all your resources
ready!

So now you have thought about what resources you will use, you are now going to think about what will happen in your animation (between 10-25 seconds long). Here are some ideas to get you started:

Make up a new story

Teach about a topic you have covered in class e.g. science, history, geography.

Retell a story you have written as part of your school work

Retell part of your favourite book

Animate a fun event you have taken part in

Retell your favourite part of a film

Make an animation to your favourite song





Three horizontal lines for writing notes under the first storyboard panel.

Three horizontal lines for writing notes under the second storyboard panel.

Three horizontal lines for writing notes under the third storyboard panel.

Three horizontal lines for writing notes under the fourth storyboard panel.



Three horizontal lines for writing notes under the fifth storyboard panel.

Three horizontal lines for writing notes under the sixth storyboard panel.

Three horizontal lines for writing notes under the seventh storyboard panel.

Three horizontal lines for writing notes under the eighth storyboard panel.

You could plan out your animation on a storyboard like this to show the main parts of it.



Now it is time to create your film!

Remember, you will need to take lots of photographs and make really tiny movements between each picture.

Use the app (or a pad of paper if you are making a flipbook animation) to create your own animation which is **between 10 and 25 seconds**.



Congratulations, you are now an animator!

Now, email your teacher your finished animation to enter the film festival (using your year group email address). Please include on the email whether you are happy for the animation to be put onto the school website, as we will upload as many as we can on there!



Well done for all your hard work; have a fantastic weekend, Unicorns and...

