# Art in IT- KS1

## Creating Media: Digital photography

# Art in IT

## Lesson Aims

- To recognise basic digital graphics terminology.
- To recognise how we use technology to help us create art.
- To apply skills and identify tools to create artwork.
- To identify and recognise famous digital artists/ photographers.

# Art in IT

## National Curriculum Links

## Art

- to use a range of materials creatively to design and make products
- to use drawing, painting and sculpture to develop and share their ideas, experiences and imagination
- to develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space
- Learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work.

## Computing

- use technology purposefully to create digital content.
- use technology safely and respectfully.

## History

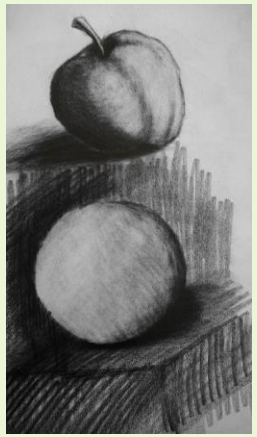
- how people's lives have shaped this nation and how Britain has influenced and been influenced by the wider world
- changes within living memory

## Careers

- All young people to understand the full range of opportunities available to them, to learn from employers about work and the skills
- Encourage people of all ages and backgrounds to consider the value of STEM qualifications and careers
- Find out about a wide range of jobs and understand how the subjects they learn at school connect to their future

# Look at these images of art; how do you think they were created?

## Match them up!



Pencil (tonal)

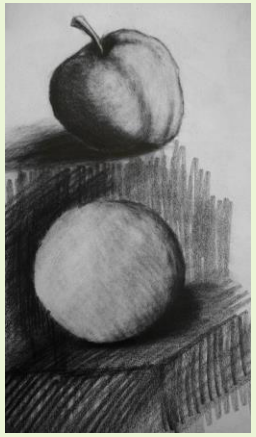
Painting

Charcoal

Camera

iPad

# How did you do?



Pencil (tonal)

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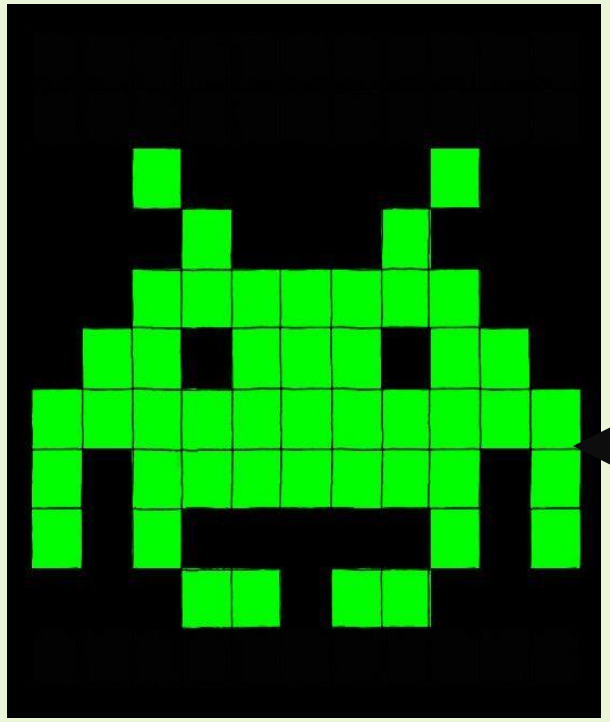
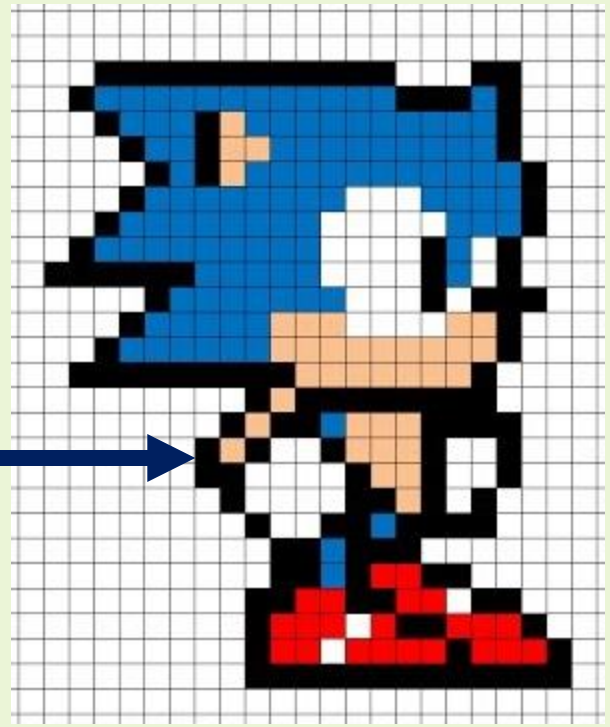
# Bitmap Images



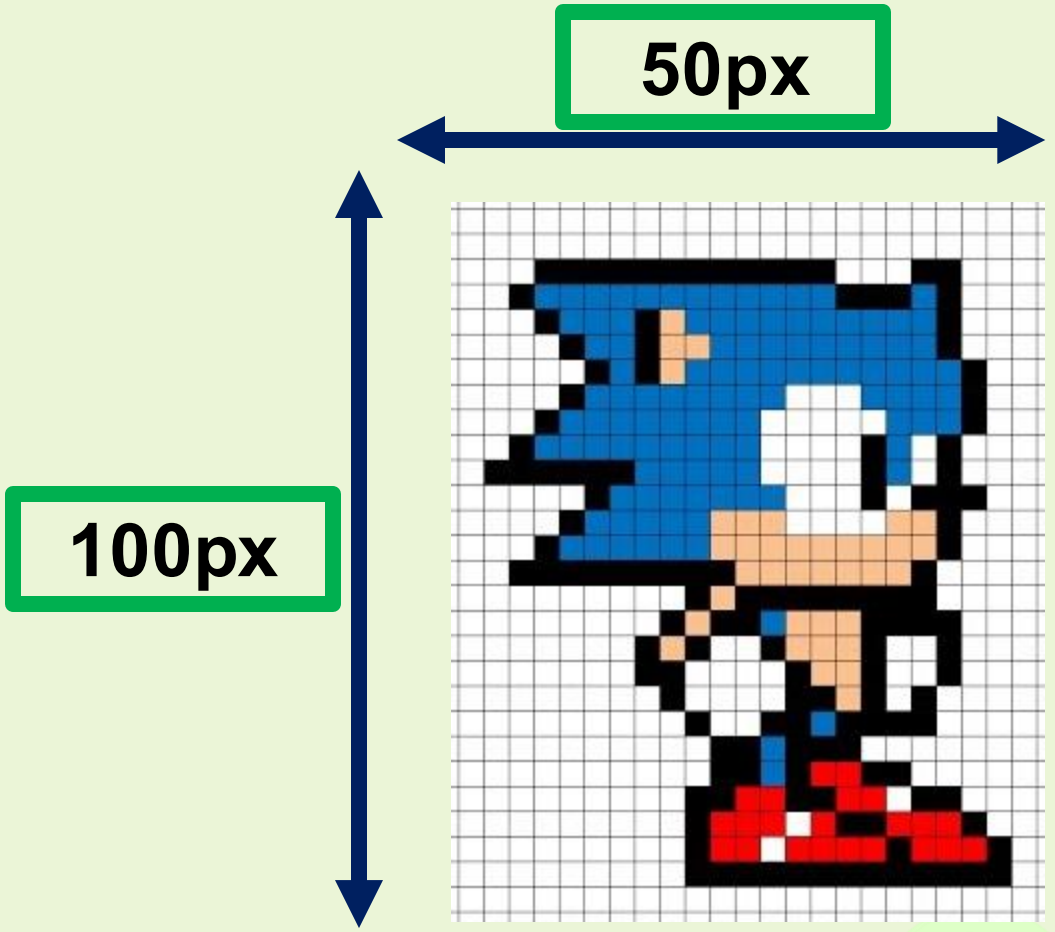
Each “block” you see is known as a **pixel**

**Pixels** make up a bitmap image



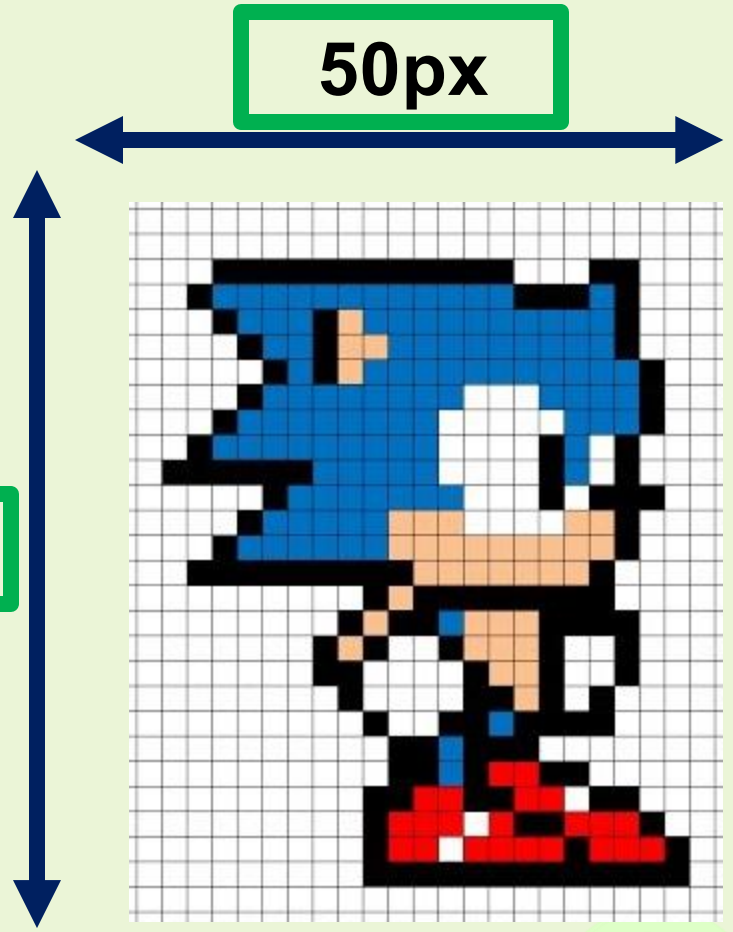
# Image size?

The size of an image is expressed as **width x height** of the image in pixels e.g.
Width = 50px (pixels)
Height = 100px (pixels)



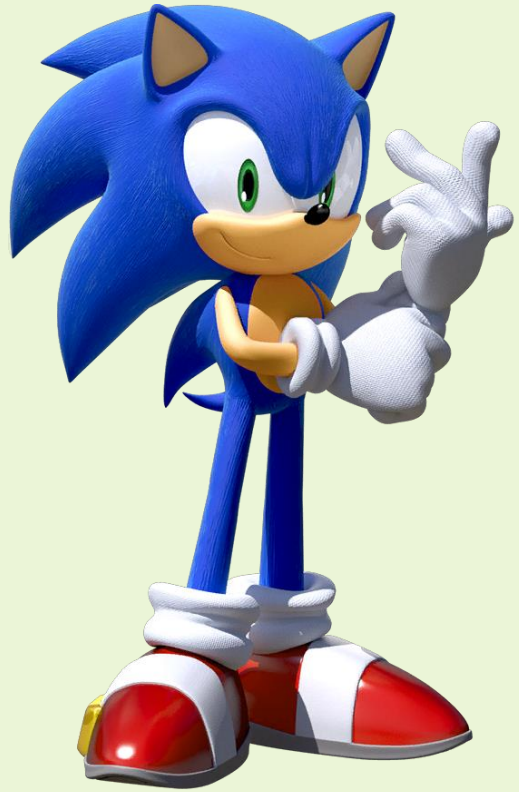
# How can we improve the quality of images?

**Class discussion: How can the quality of the graphic be improved?**



# How can we improve the quality of images?

The **resolution** (number of **pixels)** are greater and so are the number of colours **(colour depth).**



# Technology in art

We will be using technology to create our own art, but first let's discover how technology has helped to change the way we make art today! Click on each one to learn more.

**4000BC**
Pottery wheel created

**751 AD**
Paper is invented

**17th century**
Camera obscura is used as a drawing aid.

**Early 19th century**
The camera is invented

**1937**
The first Disney animated movie released

**2011**
Oil paintings online

**2015**
Apple pencil invented- active stylus

# Techno

Soon we wi art, but first let's discove the way we mak ore.

**4000BC**
**Pottery wheel created**

**751**
**Paper is i**

**2015**

The Apple Pencil is invented. This is an active stylus and includes electronic elements to help you write or draw on a tablet or other computing device.

Photo Ref 11

Photo Ref 10

Photo Ref 9

**2015**
**Apple pencil invented- active stylus**

**011**
**aintings online**

# Some art is created by taking photos. These photos can then be edited.

## How do we take a good photo?

Remember, don't take a photo of someone with out their permission!

# How do we take a good photo?

## What is wrong with this photo?

# How do we take a good photo?

## What is wrong with this photo?

The photo is blurry (out of focus/ pixilated).

The bottom is cut off.

# How do we take a good photo?

## What is wrong with this photo?

# How do we take a good photo?

## What is wrong with this photo?

The top of the photo is missing.

# How do we take a good photo?

## What is wrong with this photo?

# How do we take a good photo?

## What is wrong with this photo?

The subject of the photo is too far away.

# How do we take a good photo?

## What is wrong with this photo?

# How do we take a good photo?

## What is wrong with this photo?

It is too dark.

TOP TIP
Think about turning on the flash or finding a spot with more daylight.

# How do we take a good photo?

## We must be careful how we position our cameras!

✓Position
✓ Lighting
CLICK!

# Landscape or portrait?

## Landscape

## Portrait

# Landscape or portrait?

**Sort these images!**

| Landscape | Portrait |
| --- | --- |
| | |

# Landscape or portrait?

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| --- | --- |
| | |
| | |

# Landscape or portrait?

## Sort these images!

| Landscape | Portrait |
| --- | --- |
| | |
| | |

Did you get them all right?

# Some art is created by taking photos. These photos can then be edited.

## How do we take a good photo?

Point the lens at your subject.

Make sure your subject is in the shot by looking through your viewfinder or screen.

Move the camera around until you are happy with the shot.

Hold your device firmly, with both hands. Make sure it's not wobbling around.

Click the button and capture your photo!

# Let's practise!

## Can you and your team find and capture these things?

| | |
|---|---|
| Something close up | A person |
| An action shot | Something in the distance |

Landscape/ Portrait?
✓Position
✓ Lighting
CLICK!

Remember to make sure everyone has had a go!

# Let’s share!

**Can you share with the class what you took a photo of and whether you took it in landscape or portrait and why?**

# Famous artists

## Sean Charmatz

Sean spent time as a writer, artist and storyboard director for Spongebob Squarepants. He has also worked for Dreamworks and Disney. He turns his work into animations.

Have a look at some here!

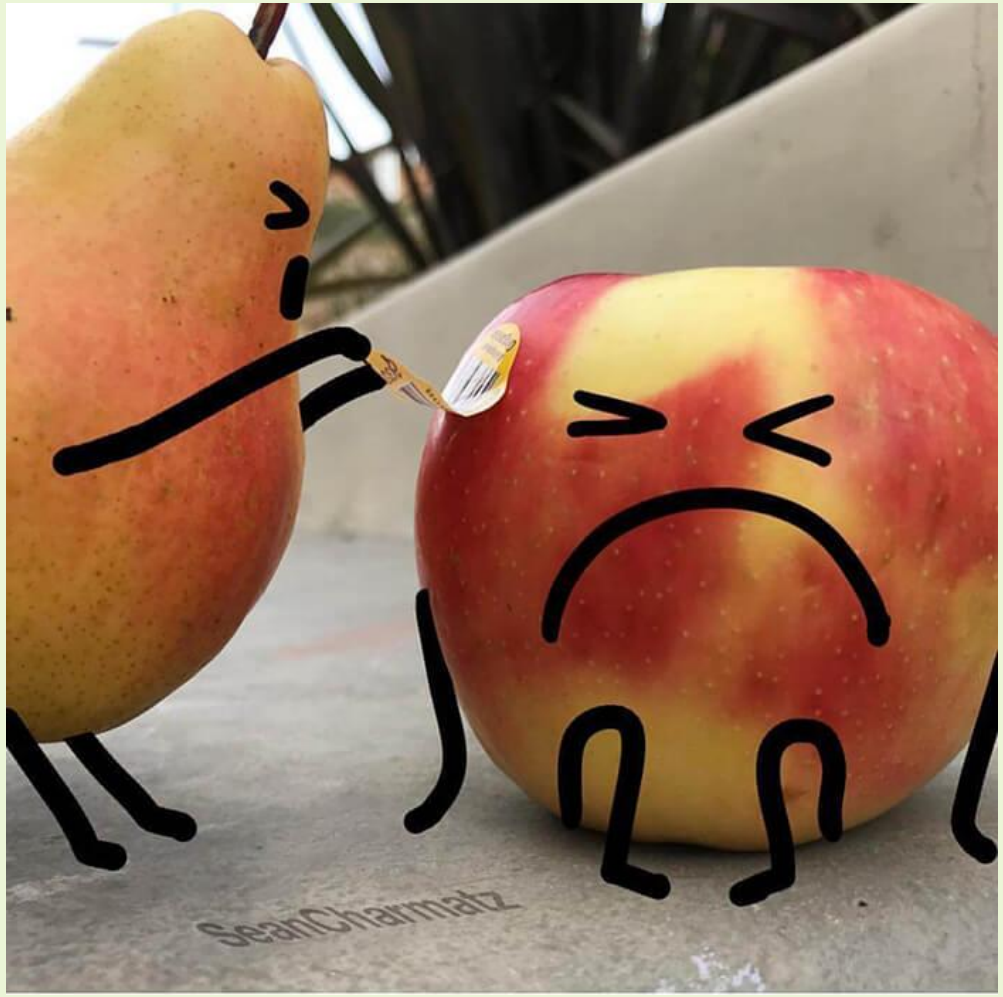
CLICK HERE TO WATCH A VIDEO

Photo Ref 5

# Famous artists

## Sean Charmatz

What do you like about this work?




What do you dislike about this work?

What does it make you think of?

How does it make you feel?

# Famous artists

## Sean Charmatz

What do you like about this work?

What do you dislike about this work?

What does it make you think of?

How does it make you feel?

# Famous artists

## Sean Charmatz

What do you like about this work?

What does it make you think of?

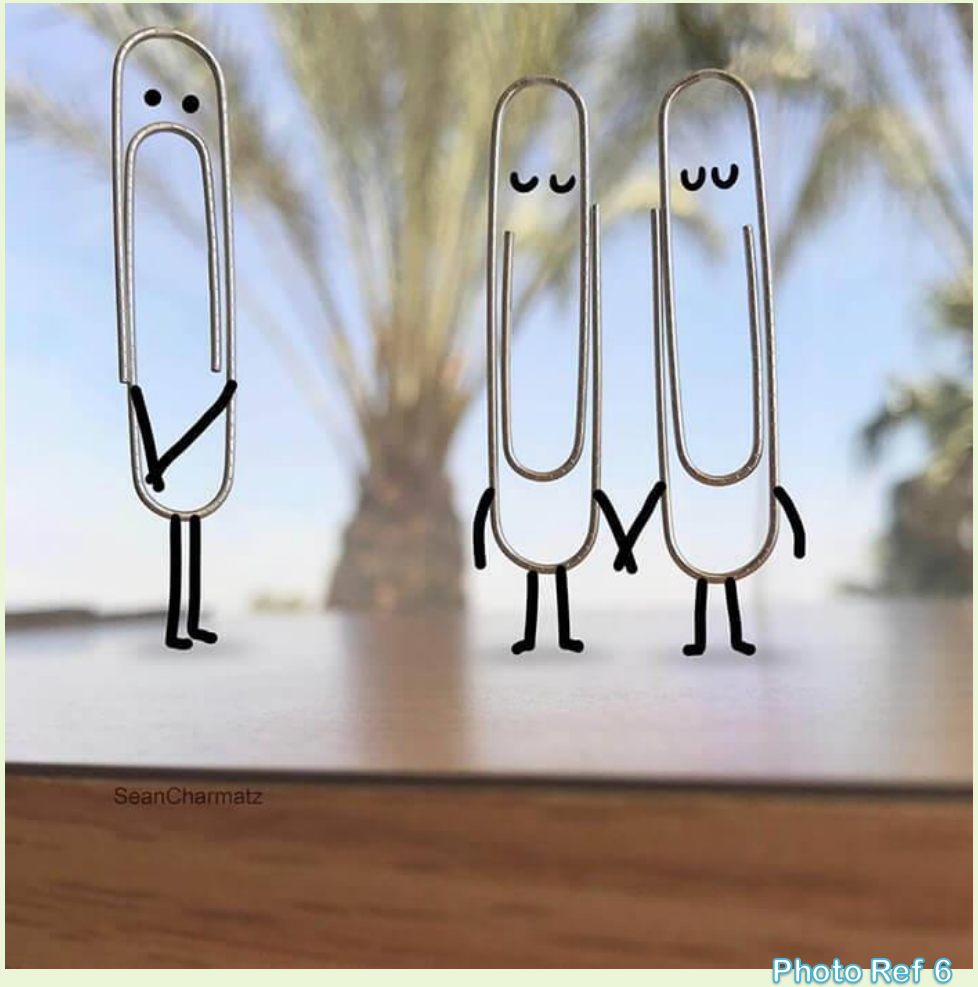


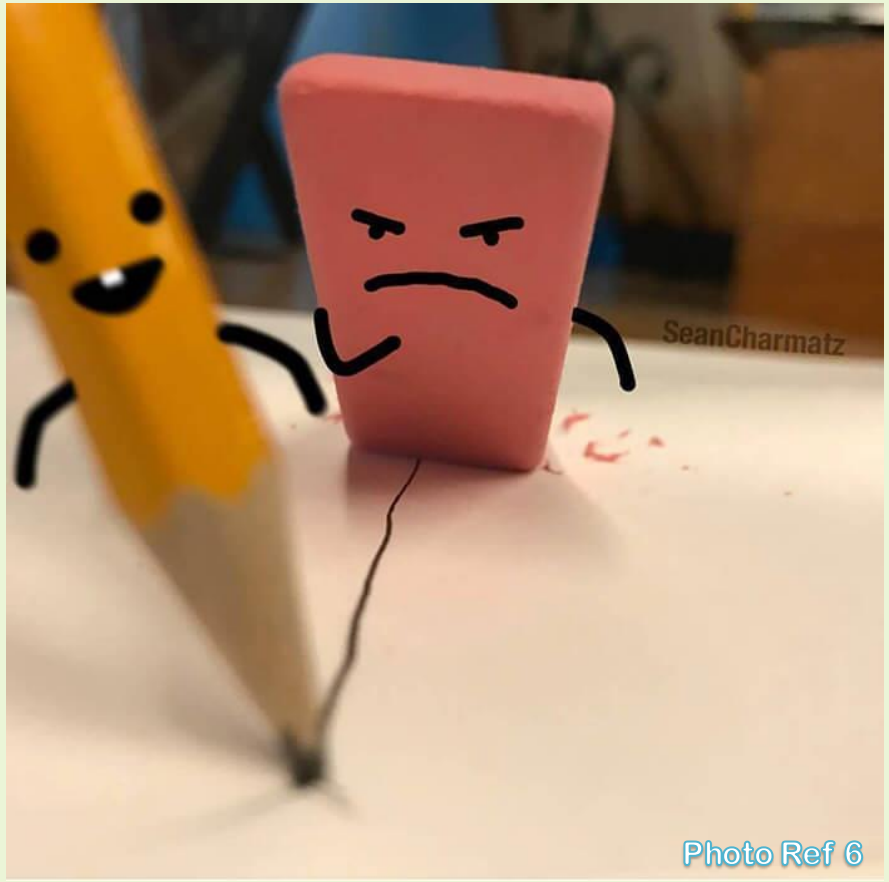

Photo Ref 6

What do you dislike about this work?

How does it make you feel?

# Our turn!

We are going to make some **Sean Charmatz** inspired pieces!



# Our turn!

Some examples:

# Our turn!

**Step 1-** Take the photo of your everyday item or items.

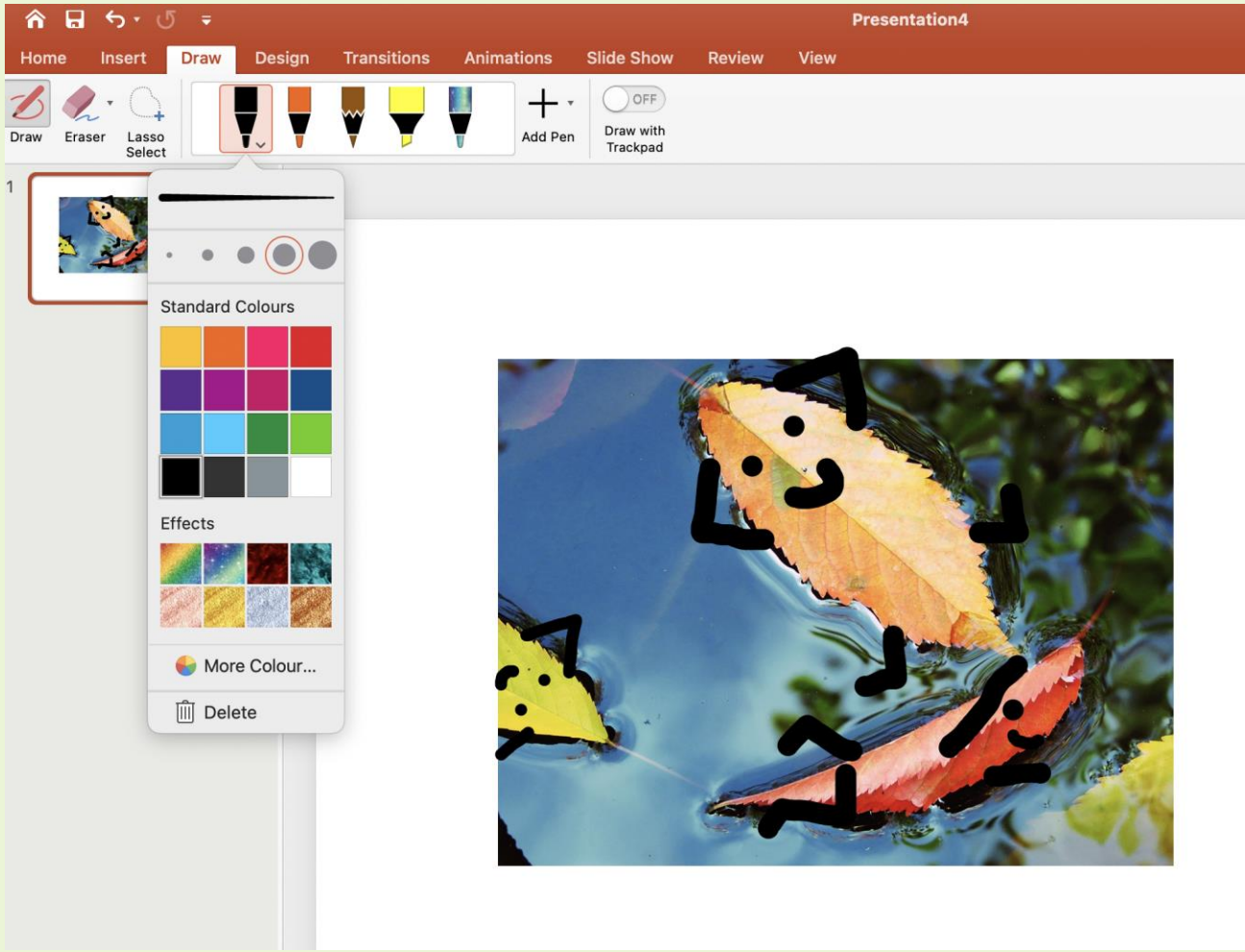
Top tips! Try and have an idea in your head already so you can pose them. What action are your items doing? Hugging, swimming dancing etc.

**Action: Swimming or relaxing in the water.**

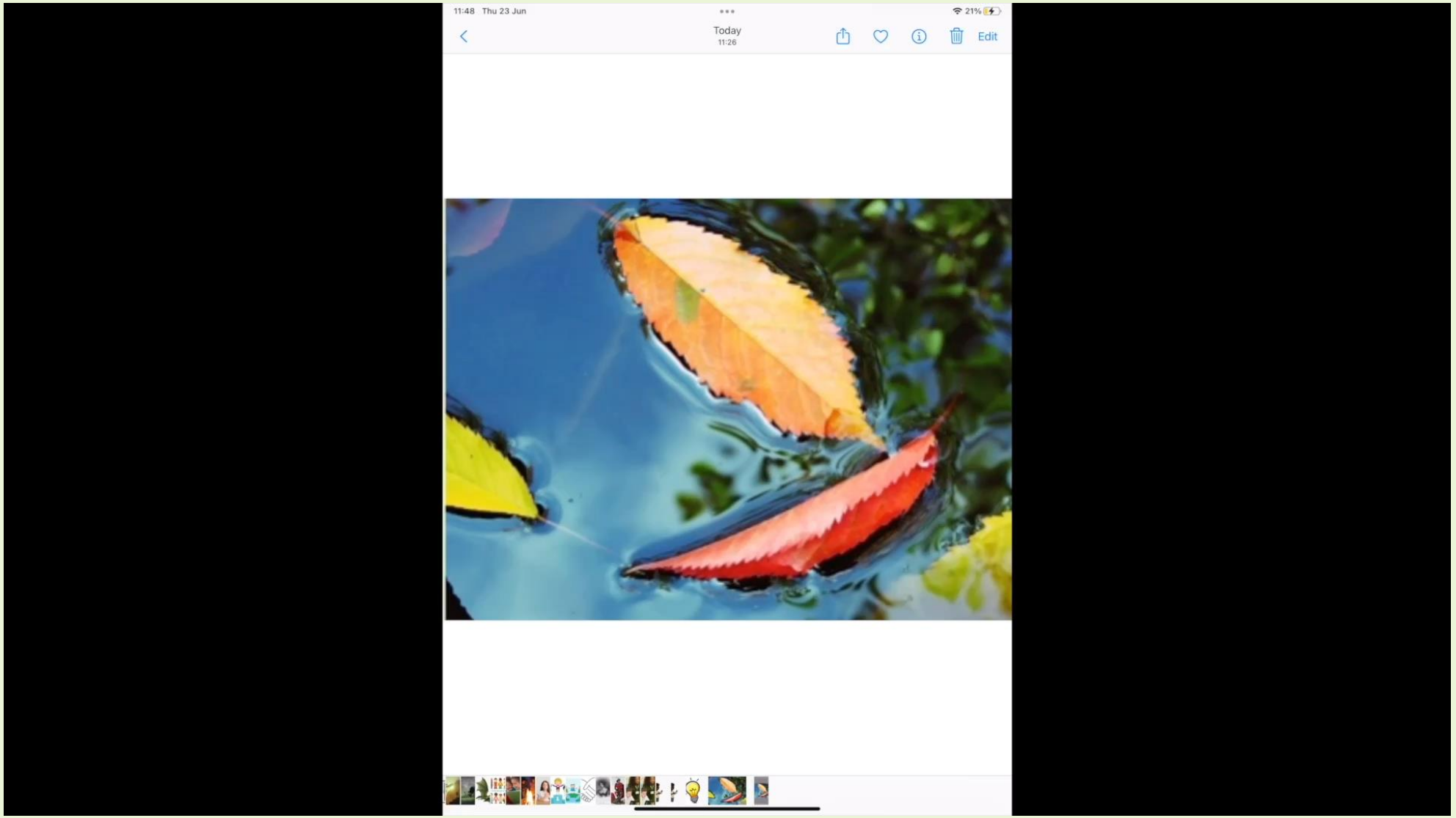
# Our turn!

**Step 2-** Import your photo to PowerPoint or Print it out.
If you are using an iPad, watch the video on the next slide to draw straight onto your image.

**Step 3-** Add in the features: arms, legs, face etc.
Top tips! Remember to consider the emotions of your items, are they happy, sad, excited or scared etc.



# Editing Images using an iPad



# We'd love to see your work!

Send us your creations! We would love to see and share what you have created with other children. Help inspire others too!

*By sending us these images, you as a school consent to the children's work being displayed on our website and or social media (please specify when sending them in).

# Famous artists

## Stephen Mcmennamy

Stephen Mcmennamy makes, what he calls, “combophotos”. He joins different photos together to make new and exciting images.

Photo Ref 3

# Famous artists

## Stephen Mcmennamy

What do you like about this work?

What do you dislike about this work?

What does it make you think of?

How does it make you feel?

# Famous artists

## Stephen Mcmennamy

What do you like about this work?

What do you dislike about this work?

What does it make you think of?

How does it make you feel?

# Famous artists

## Stephen Mcmennamy

What do you like about this work?

What do you dislike about this work?

What does it make you think of?

How does it make you feel?

# Our turn!

We are going to make some “combophotos” of our own giving our selves some crazy hair styles!

# Our turn!

Some examples:

# Our turn!

**Step 1-** Take a photo of your partner.

Top tips! Make sure the photo has the face in focus and is straight on.

# Our turn!

**Step 2-** Take a photo of an item from around the grounds or in the classroom to use as some crazy hair or a beard.

Top tip! Try and find something the same colour as your hair and make the colour of the backgrounds the same as this will match up better.

# Our turn!

(Optional, Teacher may wish to do this step Step 3 – Merge the two photos together, making sure the photos fit together. )

Use the cropping tool to cut them up and match them up!

# We'd love to see your work!

Send us your amazing creations! We would love to see and share what you have created with other children. Help inspire others too!

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# Did you enjoy creating digital art?

Jobs you might like in this area are…

- Photographer
- Digital artist
- Gaming artist
- Film/ Video editor
- VFX artist
- Web Designer

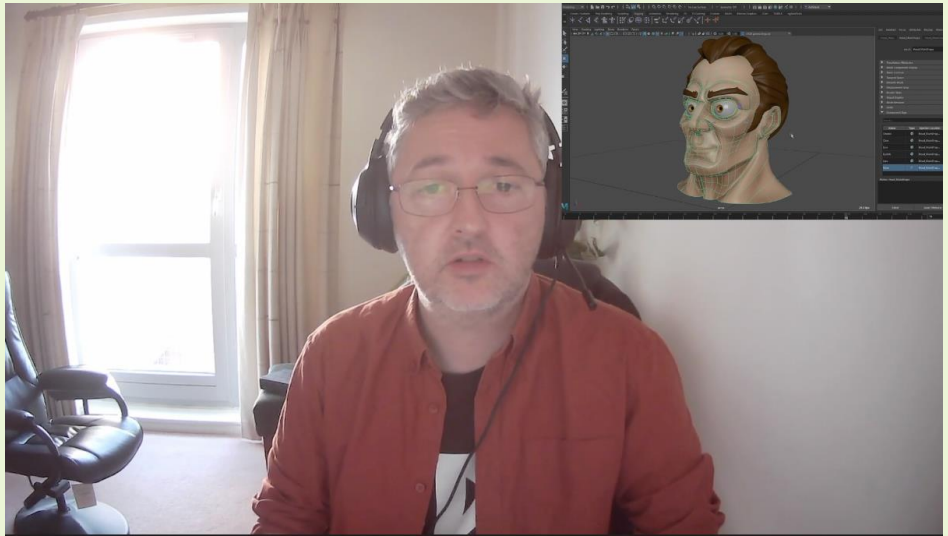
And so many more!

Turn to the next slide to meet some of the real people who work in the industry!

# Did you enjoy creating digital art?

Go to our website to watch short interviews with real digital artists and learn all about their jobs and how they got there.

Step 1: Follow the link https://archivesit.org.uk
Step 2: Click on Gallery in the education section of the homepage
Step 3: Click on interviews



# Reference

- All pictures from AIT or pixabay, unless specified otherwise


1-https://theartofeducation.edu/2019/02/20/10-digital-artists-you-should-know/

2-https://blog.ohhdeer.com/home/stephen-mcmennamy-photography

3-https://infofamouspeople.com/famous/stephen-mcmennamy.htm

4- https://visualfodder.net/redit-to-the-edit-artist-profile-stephen-mcmenammy-aka-combophoto/

5- http://lodownmagazine.com/features/sean-charmatz

6- https://www.designswan.com/archives/delightful-illustrations-of-everyday-object-by-sean-charmatz.html

7- www.ilpost.it

8- https://en.wikipedia.org/wiki/History_of_the_camera

9- https://comics.ha.com/itm/animation-art/production-drawing/snow-white-and-the-seven-dwarfs-good-friends-all-painting-original-art-walt-disney-new-york-graphics-society-1947/a/7196-96048.s

10- https://artuk.org

11-https://www.apple.com