

FACULTY OF DESIGN CREATIVITY



creativity

Creativity in Education

FACULTY OF DESIGN CREATIVITY CHALLENGE

Join the Faculty of Design Creativity Challenge!

There are lots of challenges to choose from – you can enter as many as you like!

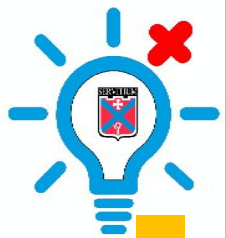
Submit your entries to your **Art** or **Technical Teacher** via your **Google Classroom**. **We want to create a school wall of your images.**
HOUSE POINTS AVAILABLE!!!



FACULTY OF DESIGN CREATIVITY CHALLENGE

Each challenge will test your skills in:

- Problem Solving
- Innovation
- Curiosity
- Persistence
- Inquisitiveness
- Collaboration



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Entries to this challenge can be in the form of **photographs, sketches, written or digital productions**

Most of the tasks can be completed using your mobile phone

THE DIFFERENT TYPES OF CAMERAS



35MM
FILM CAMERA



RANGEFINDER
CAMERA



SLR/DSLR
CAMERA



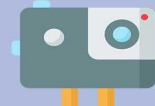
MEDIUM
FORMAT



COMPACT
CAMERA



MIRRORLESS
CAMERA



ACTION
CAMERA



POLAROID



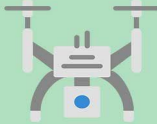
VIDEO
CAMERA



PHONE



360 DEGREE



DRONE
CAMERA

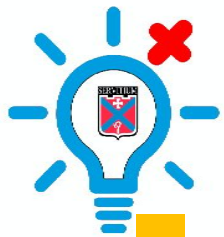
FACULTY OF DESIGN CREATIVITY CHALLENGE

Challenge: Colour

To start us off, we want to see the brightest and boldest colours you can find.

- Where can you find colour?
- Can you create it?

Tip: What happens if you adjust the settings on your camera or add a filter?

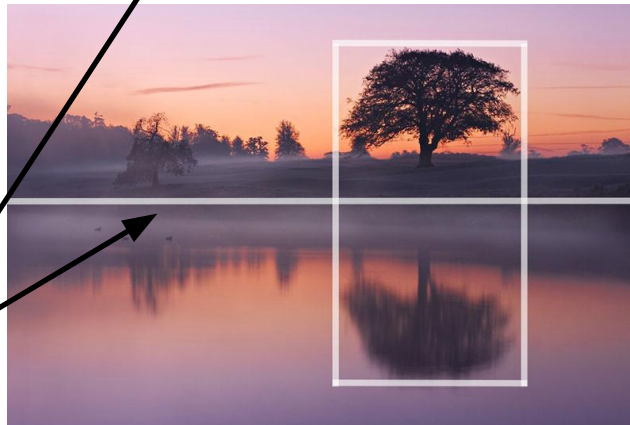
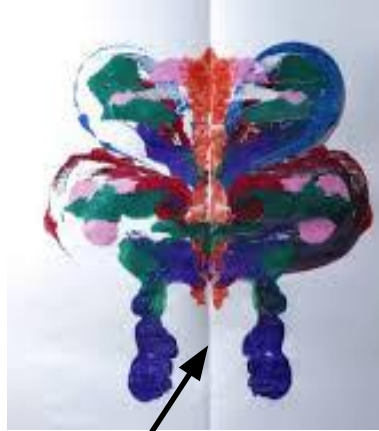


FACULTY OF DESIGN CREATIVITY CHALLENGE

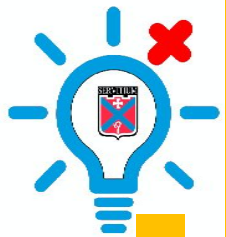
Challenge : Symmetry & Balance

Where can you find symmetry around you?

- Is it in physical objects?
- Can you find it in nature?
- Can you create it with reflections?



Line of Symmetry



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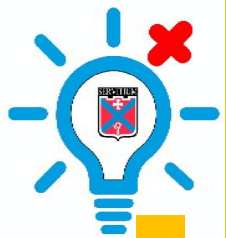
Challenge: Playing with Ice

Freezing fruit and flowers in ice can create unique textures and interesting shapes.

A relatively inexpensive way of taking 'kitchen sink' close-ups that look great blown up as wall art.

Freeze flowers in plastic containers of water. The flowers will float, so try to weigh them down or fasten them in place so that they freeze under the water.

Place the block of ice on top of a clear bowl or glass in a white sink or plate, so that the light can bounce through from below.



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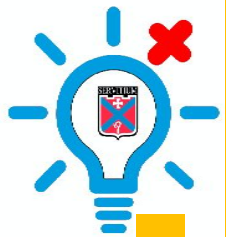
Challenge: Refractive Light

Light bends when it passes through water, causing the objects behind to change appearance.

This is called **refraction**, and you'll make use of this phenomenon in this arty photo project.

All you need is a few glasses, a torch(LED Light), a tripod (if you have one) and a black-and-white pattern print.(from computer)

Simply place the pattern in the background with the glasses in front. Fill them with different levels of water and move the pattern backwards or forwards to fine-tune the effect.



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Challenge: Kitchen Close Ups

Your kitchen is an ideal location for shooting a macro project (*close up photography*)

- Reflective surfaces can be used to create interesting backgrounds for your shots
- A shallow depth of field can transform the most mundane of objects you'll find there.
- Try creating a **trptych** (three together) of images
- It is important to think about how they're going to work together before you start shooting.



Here, 3 objects – a fork, a bowl of cereal and a close of the cereal.
They were all shot from a similar angle, with the impression of height linking the sequence.



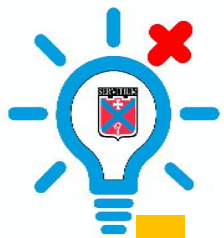
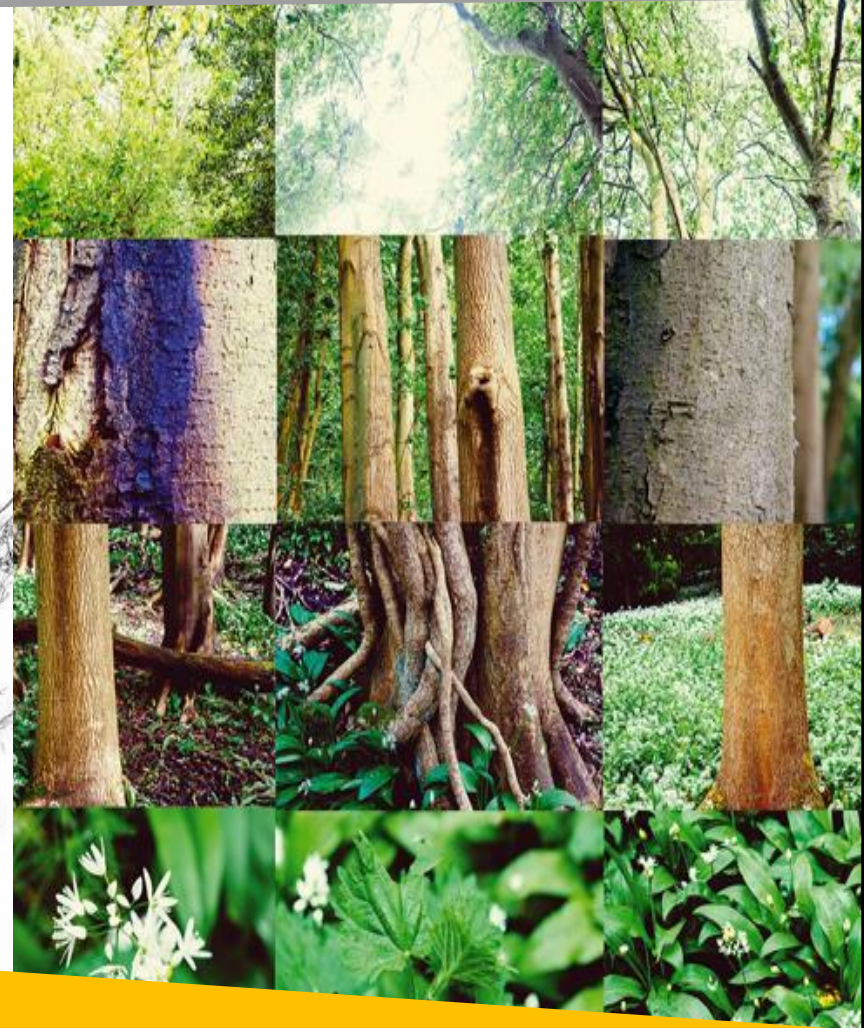
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Challenge: Deconstructed Landscapes

Try a new way to explore a landscape by creating a composite of multiple fragments of it that you've taken during a short walk.

When you are going for your daily walk, shoot anything that catches your eye

Quick sketches of the shapes that you see can produce interesting results

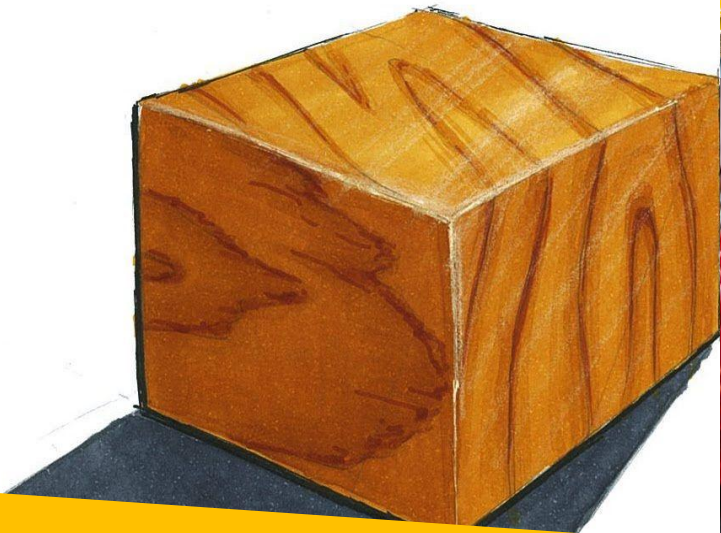


CHALLENGE

Challenge: Texture

What is texture? It's the feel or appearance of a surface.

- Where do you see texture?
- What happens when you mix textures together?
- Can you create a new texture?



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CHALLENGE

Challenge: One Colour

There are many creative ways to use colour.

This selective colour challenge requires you to pick a colour e.g. blue and find examples of it.

You don't have to fill the frame: use clever composition techniques to draw attention to it within the photo.

The painting shown is made from one colour, water diffuses the intensity to creates highlights and depth.



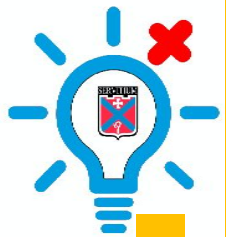
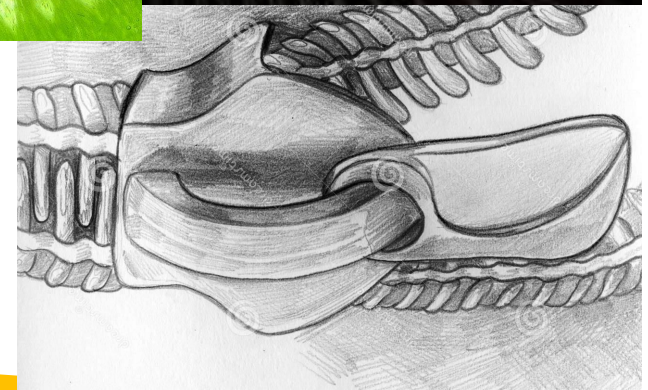
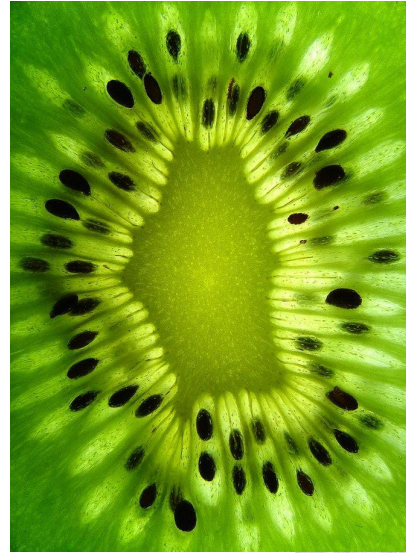
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Challenge: Abstract Images

By focusing on individual parts of an object, rather than the whole thing, it is easy to create abstract and unusual images.

With your camera, do not zoom in - take a photograph and then crop it. What interesting shapes can you create?

Can you find small details in an object to focus your drawing on?
e.g. the teeth in the zip shown



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Challenge: Perspective

Playing with the perspective of objects can create interesting and unusual images.

- Look at objects from different angles.
- Can you move the position of objects to create different effects?
- Can you trick the viewer?



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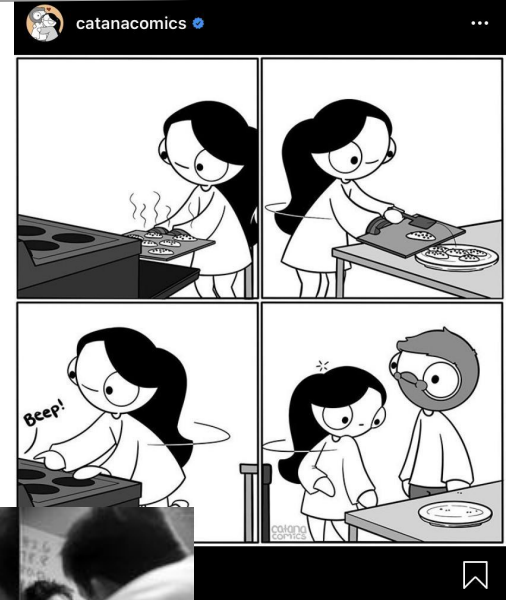
Photography Project : Family

Challenge: Family Life

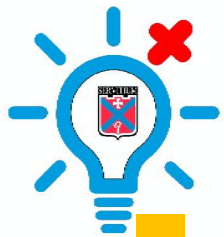
This is a unique time for all of us, what does family life look like right now?

- Families make great subjects because of the diverse ages, the bonds within family units and the dynamics and interactions that exist.
- This is a project you could keep going indefinitely, that everyone will be interested in.

Instagram artist
@catanacomics
creates simple
cartoons of daily life



A **candid photograph** is a photograph captured without creating a posed appearance.



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Challenge: Different Viewpoints

Simply by changing our view point, we can create different effects on an object. In engineering, orthographic drawing is used to show different views of a 3D object.

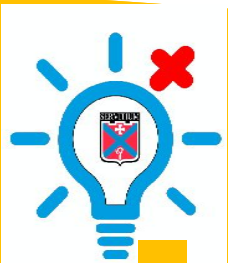
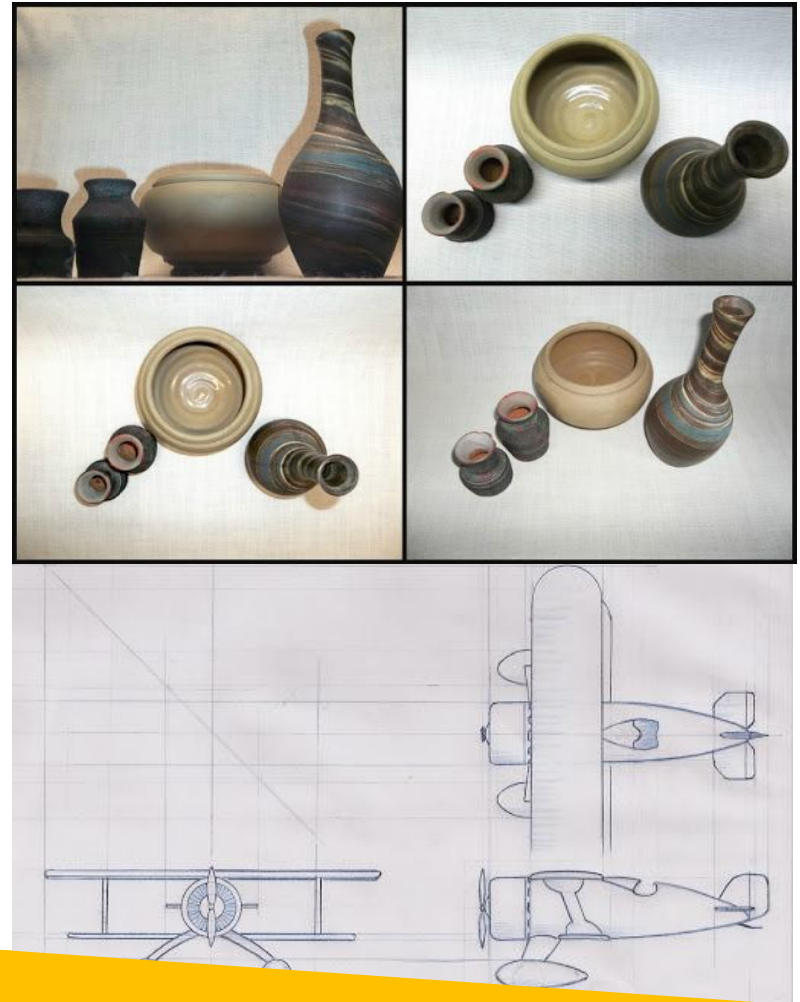
Photography Terminology

Bird's Eye view
Worms view
Rule of thirds
L Composition
Eye Level
Triangular Composition

Graphics Terminology

Plan
Elevation
End Elevation
Isometric
Perspective

<https://www.youtube.com/watch?v=CadByjgmT5U>



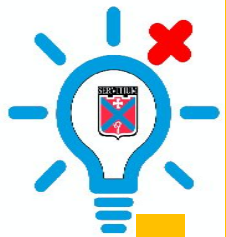
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Challenge: Monochrome Black & White

Black and white images can create dramatic landscapes and elegant portraits.

Tip: adjust the settings on your camera or add a filter.

High contrast black and white creates striking images, the use of greys can soften the artwork.

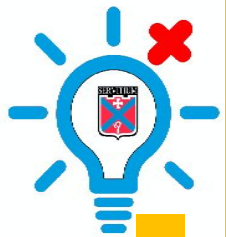
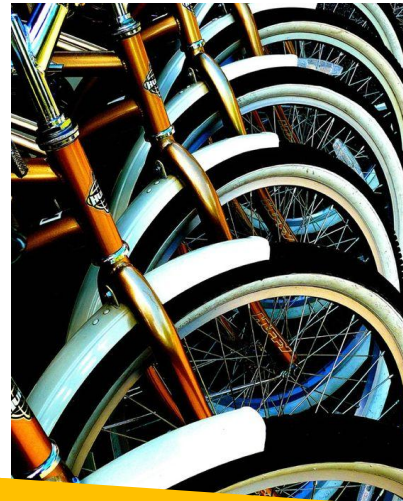


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Challenge: Multiples

Finding multiples of objects or shapes can create interesting images.

- Try placing multiples of objects in different ways
- Try using the same object
- Try using similar types of object



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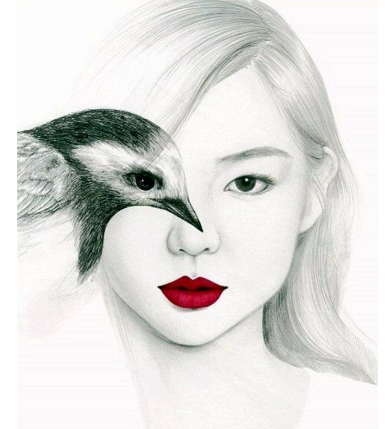
Challenge: Statement Colour

Creating a black and white image and highlighting one colour draws the focus to that specific area.

Colour blocking can help to highlight the elements of a photo that you want to stand out, like a plant or something else with a bold hue.

It achieves a similar goal as negative space, in that it can help a single subject stand out

Touch Colour -- an app that automatically converts a picture to grayscale and lets you fill in the parts you want to colour.



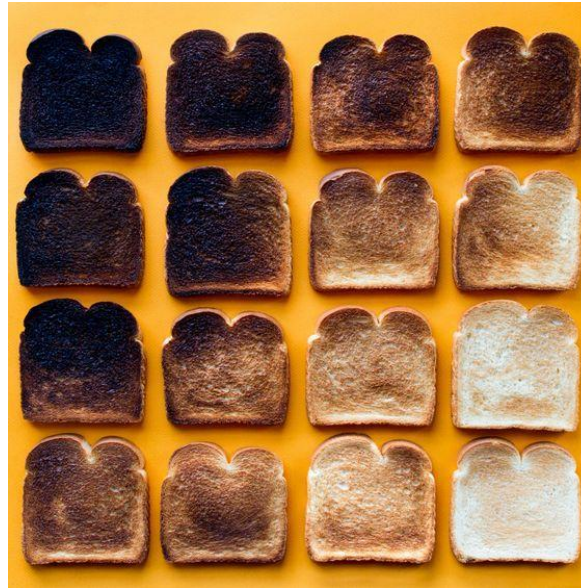
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Challenge: Telling a Story

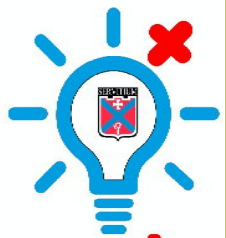
Sequence photography is great way of showing a process or series of events

What unique processes can you come up with?

- Can you photograph them?
- Can you tell a story in the form of a comic?



Brittany Wright



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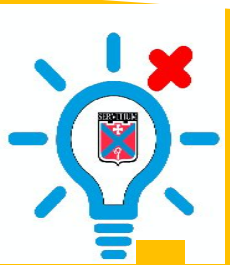
Challenge: Oil in Water

Oil floating on the surface of water is a great way to make striking abstracts.

All you need to do is place a few drops of cooking oil on the surface of water in a glass dish.

Can you find a way to support the bowl above the table top (carefully so you don't spill the mixture)?

Place coloured paper or images under it or play with lighting to get different effects.



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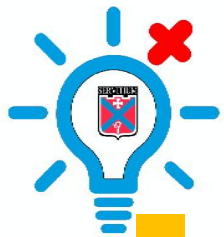
Challenge: Food

Most of us are spending a lot of time thinking about food right now.

Can you share what you've been doing?

- Making a meal
- Eating a meal
- Feeding the dog/cat/ hamster
- Making a cake
- Making Breakfast
- Eating Breakfast

Give us food envy!



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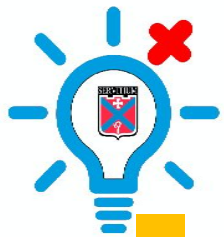
Challenge: A-Z

Can you find or create the alphabet using things in around your home.

Look around your house and garden

- Create some in your house/garden.
- Use your imagination.

Get Creative 😊



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Challenge: Negative Space

Sometimes **less is more**.

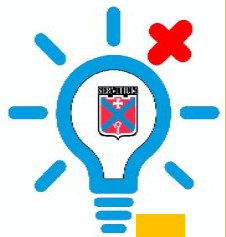
Use the space around the objects or portrait to allow the subject matter to stand out.

This type of photography is often called Minimalism.



TOP TIPS FOR TAKING A GOOD PHOTOGRAPH

- **Clean** the lens
- Use Good **Lighting**
- Try **Natural** Light
- **Use** gridlines to balance **your** shot.
- Set **your** camera's focus
- Focus **on** one subject
- Embrace **negative space**.
- Be **Steady** (*if possible use a small tripod*)
- **Use** leading lines
- **Look** for symmetry
- Do not zoom in - **crop** instead
- Take candid shots
- Try **Editing**
- **Select & retouch**
- **Chose** unique **angles**
- Take **two photographs** each time. One **landscape** format & one **portrait** format



If you have enjoyed this....

Here's some extra things to try:

- Look up smartphone creative techniques
- Look up top tips for using your mobile phone
- Look up top apps for **photo editing**.

Remember to submit your entries to your **Art** or **Technical Teacher** via your **Google Classroom**.

HOUSE POINTS AVAILABLE

