

# Colour

# Graphic communication Communication





## Colour Wheel

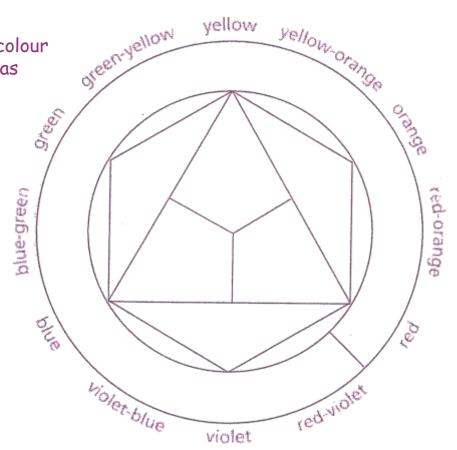
The use of colour is an important part in illustration and graphic design. Colour is used to create certain moods or feelings as well as helping to make an image look more realistic.

In S1, you would have completed a copy of the colour wheel. Here is a small refresher of what else was covered:

**Primary colours** (Red, Blue and Yellow) are the three main colours which when mixed together can produce any other colour.

Secondary colours (Violet, Orange and Green) are created when two primary colours are mixed together in equal quantities. (eg, yellow and blue make green)

**Tertiary colours** are made when a primary colour is mixed with a secondary colour in equal quantities, eg, red-orange or blueviolet.



# Colour Effects

There are many different effects and moods that can be achieved by using carefully selected colour combinations.

**Harmony** is created when colours close to each other on the outside of the colour wheel are used together. Harmony is easy on the eye and can be used to create a relaxed and elegant ambiance (eg blue and blue-green).

**Contrast** is created when colours far apart on the colour wheel are used together. Contrast is vibrant, eye catching, bold and exciting (eg blue and orange)







**Warm colours** such as reds, orange and yellows all give a sense of heat and warmth. They are also known as **advancing colours** as they appear closer to the viewer than other colours.

Cool colours such as blues, greens and violets do the exact opposite. They give a feeling of being cold and are also known as receding colours as they appear more distant and further away.

When WHITE is added to a colour, it is called a TINT of that colour. When BLACK is added to a colour, it is called a SHADE of that colour.

# Colour and its meaning

Colour selection for a product is guided by the function of the product, the environment in which the product will be used and the market for which the product is intended.

Red: Great power of attraction. Hot, bold, exciting, festive, passionate and

positive. Can be associated with rage, aggression, danger, courage and speed.

Yellow: Most easily seen, luminous, bright, pleasant, happy, sunny, lively and cheerful.

Blue: Formal, cool, sophisticated, aristocratic, serene, passive, elegant and reliable.

Orange: Sunny, cheerful, warm and happy.

Green: Restful, fresh, cool, soothing, natural and informal.

Violet: Rich, pompous, impressive and regal. Cool, negative, retiring subdued and

solemn.

Grey: Neutral, sedate, dignified and inconspicuous.

White: Luminous, positive, light delicate and clean.

Black: Subdued, solemn and profound,

Brown: Safe, reliable and earthy natural.

## Tone

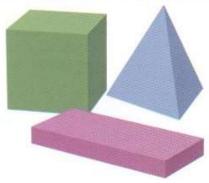
Tone is the term used to describe how weak or strong a colour is.

Five Flat Tones

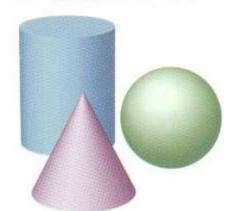
Graded Tone

#### Surface Tones

Surface tones on 3D objects change depending on the way light falls on the surface



On flat sided objects the surface facing the light source in pale, while the opposite surface is dark or strong.



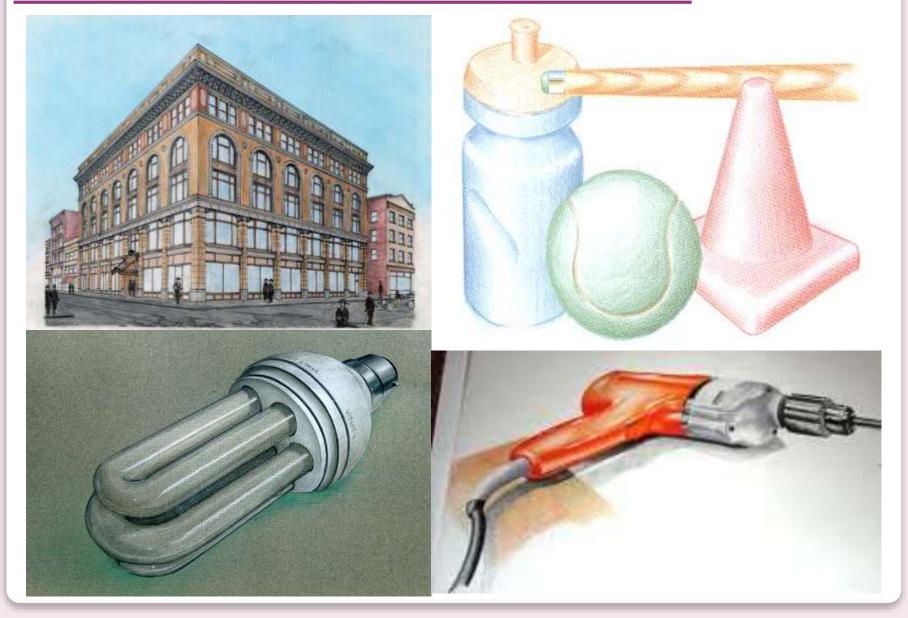
Objects with curved surfaces reflect light differently. The tone changes from dark to light as the surface curves towards the light source.

Each surface has a **flat tone**.

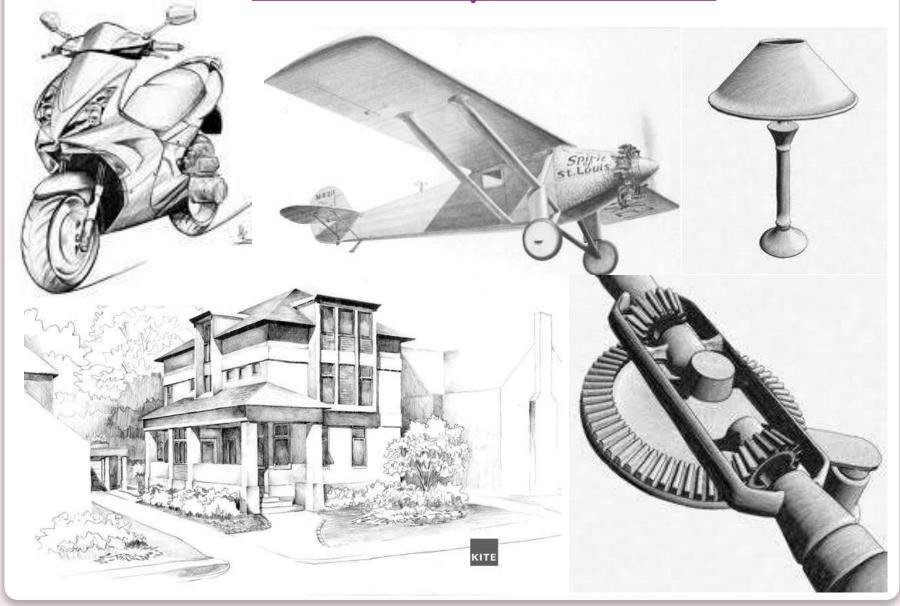
This is called **graded tone**.

Question 1		<u>Q</u> u	Question 3		
Listed below are some colours you would find in a colour wheel.			A toy company has decided to introduce a new colour scheme for its packaging.  A tint of Green was suggested.		
	Blue Orange Yellow-Orange Green Blue-Green Red				
State	, from the list of colours;	(a)	State what is added to green to make it a tint.	(1)	
(a)	A primary colour.	(b)	State a tertiary colour that contrasts with green.	(1)	
(b)	A secondary colour.	(c)	State how a tertiary colour is created.	(1)	
(c)	A tertiary colour.	Qu	estion 4	(-)	
(d)	An advancing colour.	l) Colou	ır can be used for many different reasons.		
Que	estion 2	l) (a)	State what is added to red to make it a shade.	(1)	
(a)	State what must be added to a secondary colour in order to make a tertiary colour.	(b)	State two tertiary colours that contain blue.	(2)	
(b)	State two secondary coloursand	(c)	Colours can be used to create different moods and feelings. State colour would represent the following;	what	
			(i) Happiness		
(c)	State an appropriate colour to use in the following situations.	`	(ii) Something cool		
	(i) To represent something that is warm		(iii) Something that safe for the environment		
	(ii) To harmonise with orange		(iv) Something dangerous		

# Selection of Media - Coloured Pencils



# Selection of Media - Grey Scale Pencil

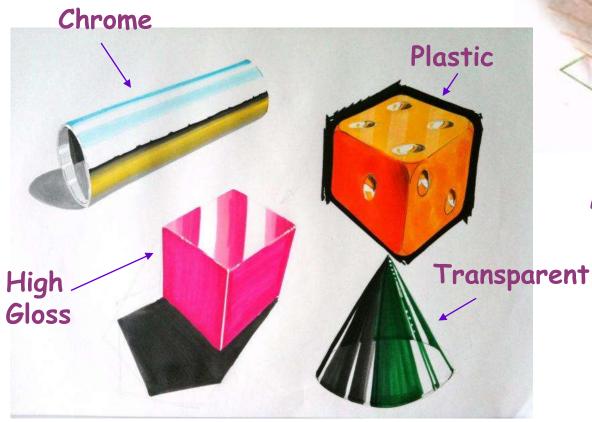


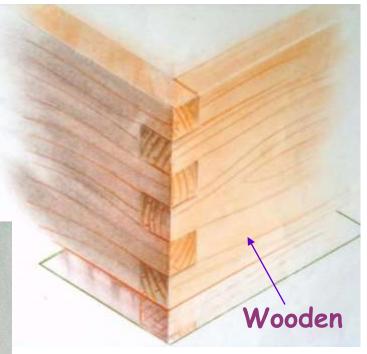
# Selection of Media - Markers

# **Textures**

It is important when rendering your graphics that you try to include a visual texture. This will give your work a more realistic impression.

Look at the examples below.





Metallic



# Worked Example - Wooden Texture

Our light source is coming from this direction

1. Top surface

Normally the lightest tone, shade the surface lightly using yellow first then orange

3. Side facing the light

Shade this side last, using yellow then orange, to create a medium tone

2. Shadow side

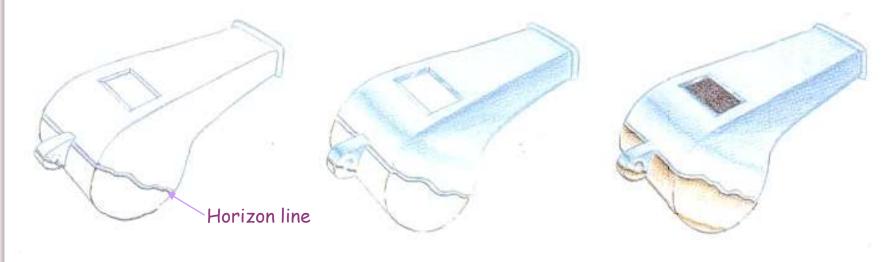
Facing away from the light, this surface should be the darkest. Again use yellow then orange to create a strong tone

4. Texture

The wood grain is just a darker tone of the base colour, yellow / orange.

# Worked Example - Metallic Texture

Shiny metallic surfaces can be rendered using a desertscape. Imagine the shine object in the desert. It would reflect the simple environment: blue sky, a sandy ground colour and a black horizon line.



#### 1. Outline

Draw the outline in three colours, adding in a blue and black horizon line.

2. Add in the sky

Add in the blue sky
tones above the horizon
line. Keep the top
surface lighter as this
would reflect the
sunlight.

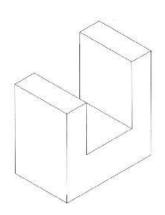
3. Add in the ground

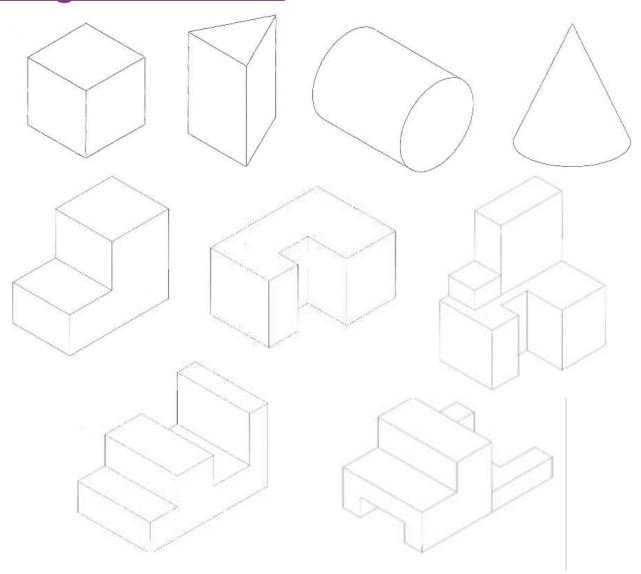
Finish with sandy ground tones and add in detail, eg shadows, additional highlights etc

# Pencil Rendering Exercise 1

Render each of the objects on this page.

Remember to think about where your light source is coming from (that will have an effect on the surface tones)

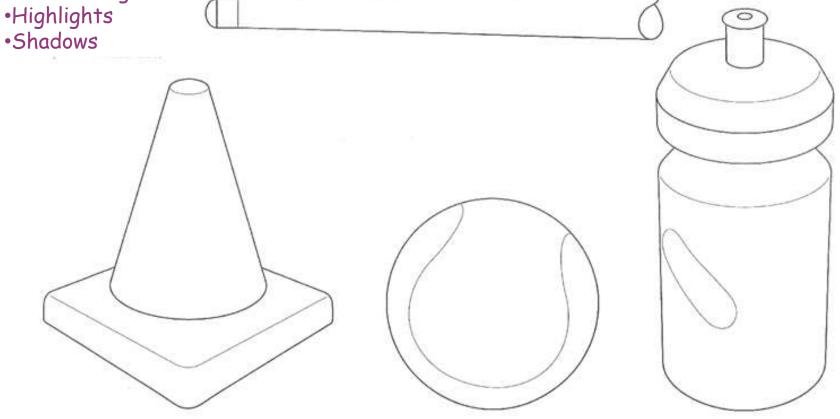






Using colour pencils, render these everyday objects to show

- Texture
- Tonal Changes



# Pencil Rendering Exercise 3

Using colour pencils, render these everyday objects to show

- Texture
- Tonal Changes





