



Stafford Manor High School

Name: _____

Current School: _____

Stafford Manor High School

Telephone: 01785 258383

Email (general enquiries): office@smhs.staffs.sch.uk

Email (help with work pack): KS3support@smhs.staffs.sch.uk

Dear Year 6,

The teachers at Stafford Manor High have put together a pack for you to work through, either in school with your Year 6 teacher or at home. Your Year 6 teacher will give you advice on when it might be best to complete the activities in the work pack.

As you may be aware you will study lots of subjects at High School and we wanted to give you a head start. Some of the subjects will be totally new to you, but don't panic as we shall support you through them.

It would be great to see the work you have completed before the end of the Summer term as this will help us get to know you really well and plan for you start in September. You can either return your booklet to your Primary School teacher, or post it to the school, or you could email a completed copy as an attachment or photo to us at KS3support@smhs.staffs.sch.uk

If you need any help or advice then ask your Year 6 teacher, ask your parent to contact us here at Stafford Manor High School or use the email address above.

We are really looking forward to meeting you.

Good luck and take care!

Mr Lycett- Headteacher

Mrs Mandley- Transition Co-ordinator



English



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READING HEROES

Can you become a SMHS Reading Hero?

Name the last three books you have read:

- 1.
- 2.
- 3.

Who is your favourite author?

What is your favourite genre (type) of reading book?



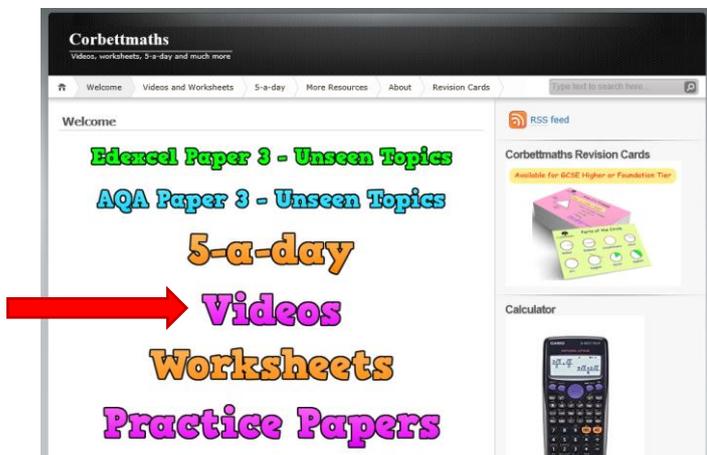
The following topics make up the scheme of work in Year 7:

Unit	Topic	Support Video Reference
1	Perimeter	6, 90
2	Division and other operations	98, 102
3	Rounding and Estimation	276, 277a, 277b
4	Decimals, Percentages and Money	122, 123, 234
5	Units and Compound Measures	349a, 349b, 349c
6	Ratio, Proportion, Maps and Scale Drawings	283, 284
7	Averages and Spread	50, 53, 56, 57
8	Formulae	208
9	Fractions	128, 136
10	Coordinates and Transformations	84, 85
11	Probability	N/A
12	Number Extension	N/A

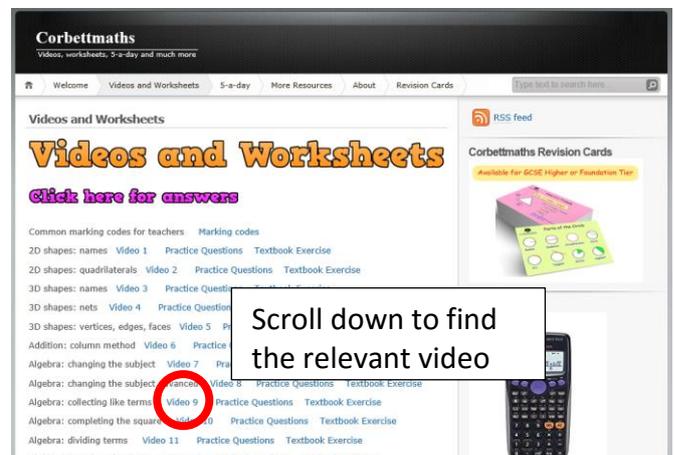
If you would like to support your child with any of these topics, we recommend using Corbett Maths. This is a free service containing links to hundreds of maths help videos. Search for each topic using the video numbers given above (please note the videos provided only cover the topics that we would expect students to be confident in before we start each unit, not the actual content from the topics we will teach)

To access these free support materials, please go to www.corbettmaths.com and follow the steps below:

Step One



Step Two



Common Lab Apparatus

Find out the name for each item of lab apparatus.
Find out what each item of apparatus is used for.

These websites may help:

<https://www.edrawsoft.com/template-lab-apparatus-list.php>

<https://www.acs.org/content/acs/en/chemical-safety/basics/glassware-and-equipment.html>



GOLD CHALLENGE:

Research the names and descriptions on your own.



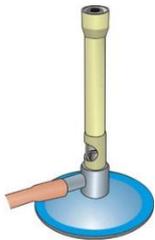
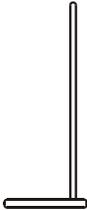
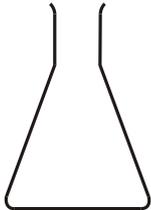
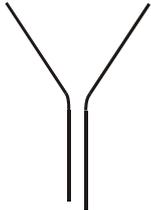
SILVER CHALLENGE:

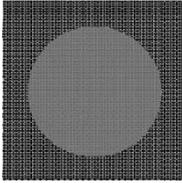
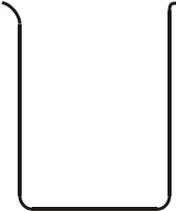
The names of the apparatus are given, match these to the correct images and then research the descriptions on your own.



BRONZE CHALLENGE:

The names and descriptions are given match these to the correct images.

Picture	Diagram	Name	Description
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Picture	Diagram	Name	Description
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SILVER CHALLENGE:

Test Tube	Tripod	Evaporating dish	Bunsen burner
Measuring Cylinder	Thermometer	Conical Flask	Beaker
Funnel	Test tube rack	Clamp stand	Gauze



BRONZE CHALLENGE:

Used to hold and mix chemicals. The small neck is to help mixing without spilling.	Used to support a container, such as a beaker, while it is being heated.	Used as a heat source
A three-legged platform used to support equipment, such as flasks and beakers	Used to hold, mix and heat liquids	Used to hold several test tubes at one time.
Used to measure temperature	Used to hold and mix liquids	Used to transfer liquids into containers with small openings. Also used for filtration.
Used to hold or clamp laboratory equipment in place, so it does not fall down or come apart.	Used to measure a precise volume of a liquid.	Used to heat liquids for evaporation.

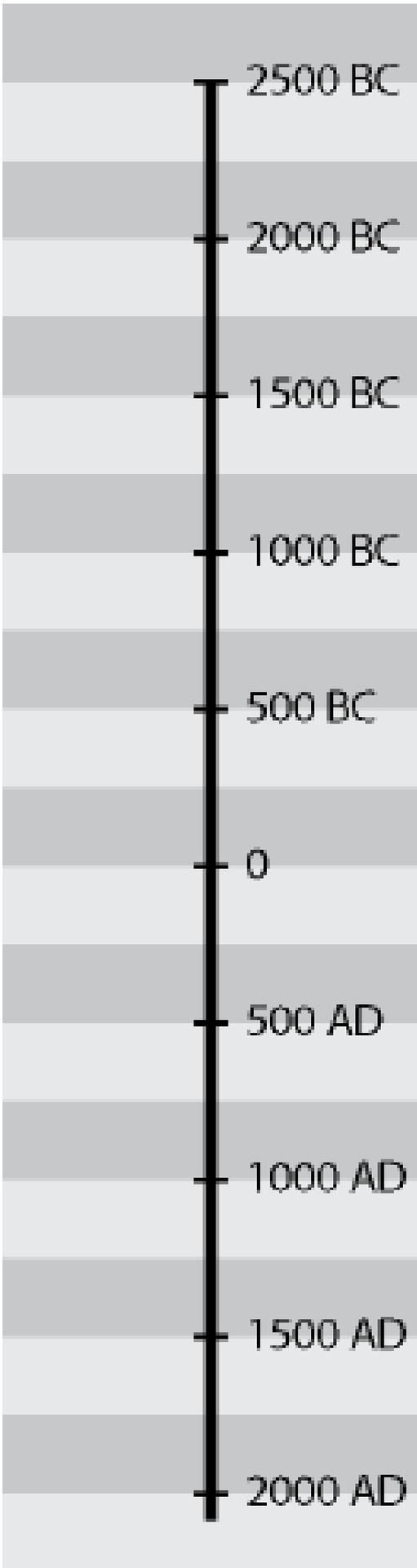
History



Historians like to divide time into chunks and give names to the different periods in history. Words like 'period', 'age' and 'era' are common labels given to these chunks of time. Follow the instructions below to test your understanding of historical periods.

1. Cut out each of the squares in the grid below. **You can write or draw the pictures if you wish instead of cutting them out.**
2. Match each period (A to H) with an image (1 to 8) and description (i to viii)
3. Put the periods in order.
4. Stick the squares for each period in the correct place on the timeline on the next page.

C Ancient Egypt	vi This period in history begins around 1000 years ago	3 	6 
i A time of pyramids, tombs and mummies	viii England before the Norman conquest of 1066	A Middle Ages	4 
B Victorian	v A time when a huge part of Europe was ruled from Rome, Italy – and the soldiers were legendary!	8 	H Present day
E Anglo-Saxon	7 	ii A period named after Queen Victoria	1 
vii An ancient time when the first ever Olympic Games were held	F Ancient Greece	5 	2 
G Tudor	iv Modern times, like today!	iii A period of British history famous for the rule of Henry VIII	D Roman



How to prepare for Geography @SMHS



Skills:

Become familiar with different types of maps – surprisingly, there are lots! Do you know what these most popular kinds of map show?

- World Map
- Street Map
- OS Maps
- Physical Maps
- Political Maps
- Climate Maps

Knowledge:

Can you label the 7 continents of the world?



Programmes to watch:

- The weather! Lots of terminology used everyday
- 7 Worlds, 1 Planet – the whole series is free on BBC iPlayer
- BBC 2 – Race Across the World. Learn information about different countries around the world

Websites:

Have a go at some mapping games and quizzes here:

<https://www.ordnancesurvey.co.uk/mapzone/>

<https://www.bbc.co.uk/bitesize/guides/ztqtyrd/revision/1>



La Rentrée – Back to school

Match the words in the box at the bottom of the page to the pictures.

Pour la rentrée j'aurai besoin de/d'...

For the start of the school year, I will need ...



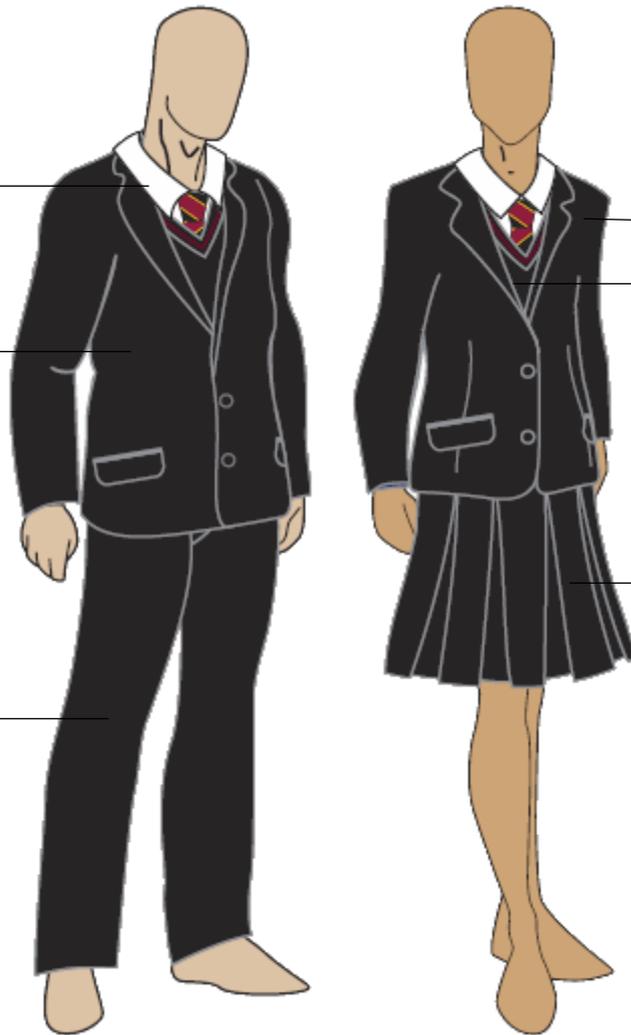
un stylo des feutres un cahier un bic un compas des ciseaux
une règle un crayon une gomme un taille-crayon une calculatrice

If you get stuck, you could look some of these up on www.wordreference.com

As with the previous task, match the words in the box at the bottom of the page to the pictures.

Pour le college, je porterai ...

For high school, I will wear ...



une cravate rouge et noire une chemise blanche un pantalon noir/gris
une jupe noirs/grise un blazer noir un pull noir/gris des chaussures noires

Music



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My favourite singer or band is...

Write 5 facts about them

5 songs that they sing are...

My favourite song is...

What is it about?

How does it make you feel?

What instruments can you hear being played?

Genres

What does Genre mean?

Can you write down 10 different music genres that you know?

Note values

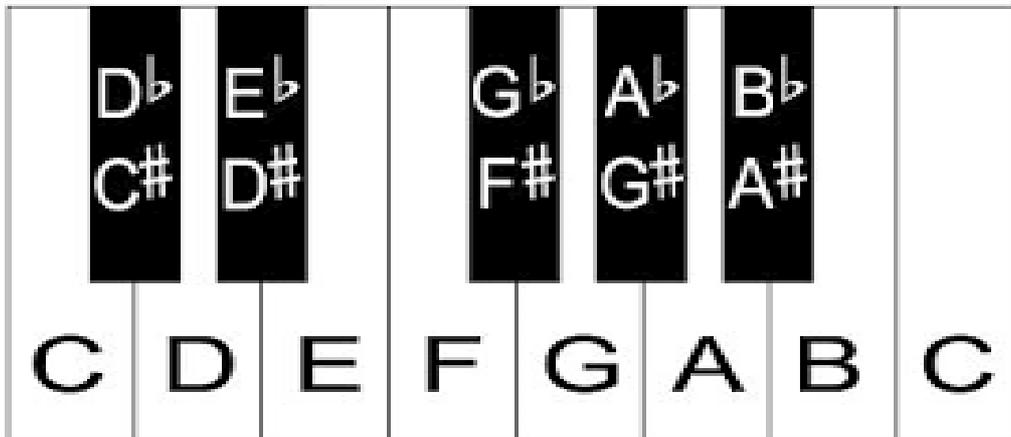
Note values are very important in music. Learn what the notes are worth, what they are called and practice them so you know how to draw them. You could create a poster or a power-point.

Notes	Name		Value
	Semibreve	Whole note	4 beats
	Minim	Half note	2 beats
	Crotchet	Quarter note	1 beat
	Quaver	Eighth note	$\frac{1}{2}$ beat
	Semi-quaver	Sixteenth note	$\frac{1}{4}$ beat
	2 Quavers	2 Eighth notes	1 beat
	4 Semi-quavers	4 Sixteenth notes	1 beat

Practice your notes here:

The Keyboard

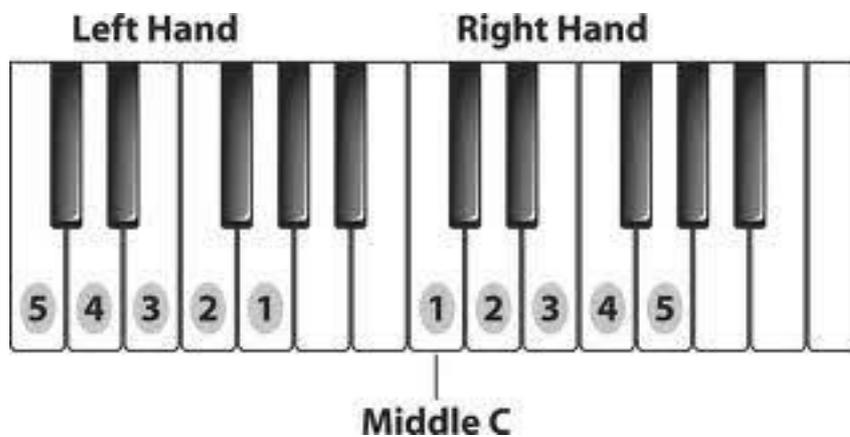
In Year 7 we learn to play the keyboard so it would be of benefit to start learning the basic elements of how the keyboard works and the notes.



1. Copy out the keyboard to help learn where the notes are.
2. See if someone can test if you can remember them!
3. If you have a keyboard practice the 5 finger position. (See below).

You could download an app on a tablet to practice.

<https://virtualpiano.net>





BINGO Challenge

Throughout the PE curriculum we cover a range of different sports and physical activities. Below is a taste of some fitness challenges our students complete.

Each line you complete = 10 points

If you complete them all, 'full house' = 70 points (an extra 10 points!)

If you complete them all you can then add in your own bingo stations in the spaces below. If you complete them easily, you can make them harder by repeating the stations more than once or by increasing the time or amount of repetitions for each station.

Jumping Jacks x 20	40 second plank	Step up x 60 seconds	Squats x 45	Sit ups x 40	Burpee x 30
Mountain climbers x 30	Press up x 60	30 second plank	Jumping Jacks x 50	Burpee x 20	Squat Jumps x 30
Press ups x 10	Lunges x 40	Side Jumps x 30	50 second plank	V sit x 40	Mountain Climbers x 50 seconds
Sit ups x 30	Squats x 60	Burpee x 15	Step ups x 120 seconds	60 second plank	Lunges x 40
Squats x 30	Press Up x 20	30 second side plank (left and right)	Side Lunge and Squat x 25 (Each side)	V sit x 20	45 second plank
20 seconds running fast on the spot	Lunges x 60	Squat and Jump x 30	Sit ups x 50	Press Up x 30	Wall Sit x 60 seconds

Physical Education Quiz

As well as the practical side of PE, we also develop your theoretical knowledge, test yourself on these 10 multiple choice questions.

1. Which of the following are MACRO nutrients which provide energy.
 - a. Fats
 - b. Fibre
 - c. Water
 - d. Carbohydrates
 - e. Protein
 - f. Vitamins
 - g. Minerals

2. How are muscles attached to bone?
 - a. Ligaments
 - b. Tendons
 - c. Muscles Fibre types
 - d. Cartilage

3. Where would you find the cranium?
 - a. Arm
 - b. Leg
 - c. Head
 - d. Torso

4. Where would you find the Gastrocnemius?
 - a. Upper leg
 - b. Lower Leg
 - c. Upper Arm
 - d. Lower Arm

5. Which ones of the following are a function of the skeletal system?(there are more than 1 correct answers)
 - a. Protection of vital organs
 - b. Helps to clot the blood
 - c. Muscle attachment
 - d. Transports oxygen
 - e. Joints for movement

6. There are 3 types of muscle we learn about in PE, they are voluntary, involuntary and cardiac. Can you match the correct example to the type of muscle?

Muscle Type		Example
Involuntary		Found in the wall of the heart
Voluntary		A skeletal muscle such as the bicep muscle in the upper arm.
Cardiac		A smooth muscle found in places like the digestive system.

7. Where would you find a hinge joint in the body?

- a. Elbow
- b. Neck
- c. Hip
- d. Shoulder
- e. Knee

8. There are a number of different types of bone in our bodies, each with a different function, for example short bones are helpful in sport for weight-bearing activities. What is the function of a long bone, such as femur?

- a. Protection
- b. Weight-bearing
- c. Movement

9. What nutrient are muscles made up of?

- a. Fats
- b. Carbohydrates
- c. Protein
- d. Fibre

Any helps and hints can be found on Bitesize Physical Education (EDEXCEL)

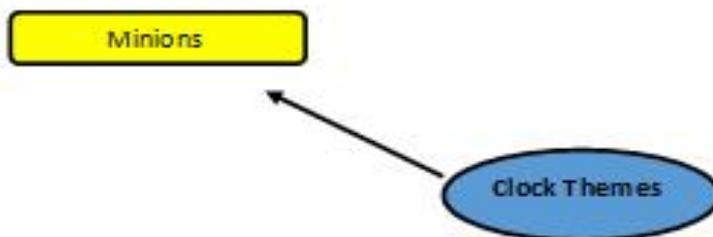
<https://www.bbc.co.uk/bitesize/topics/z8c4rdm> - Diet and Nutrition

<https://www.bbc.co.uk/bitesize/topics/zxq7j6f> - Body Systems

As part of your first term in Design & Technology at Stafford Manor you will learn a range of practical skills and how to use a selection of hand tools. The finished product you will make will be a novelty clock that would appeal to someone of your age group. However, we will be looking for interesting creative designs like the ones shown below.



Complete the spider diagram below being as colourful and creative as you can.



On this page come up with three creative design ideas for a novelty clock then ask someone at home to comment on your designs.

Comment

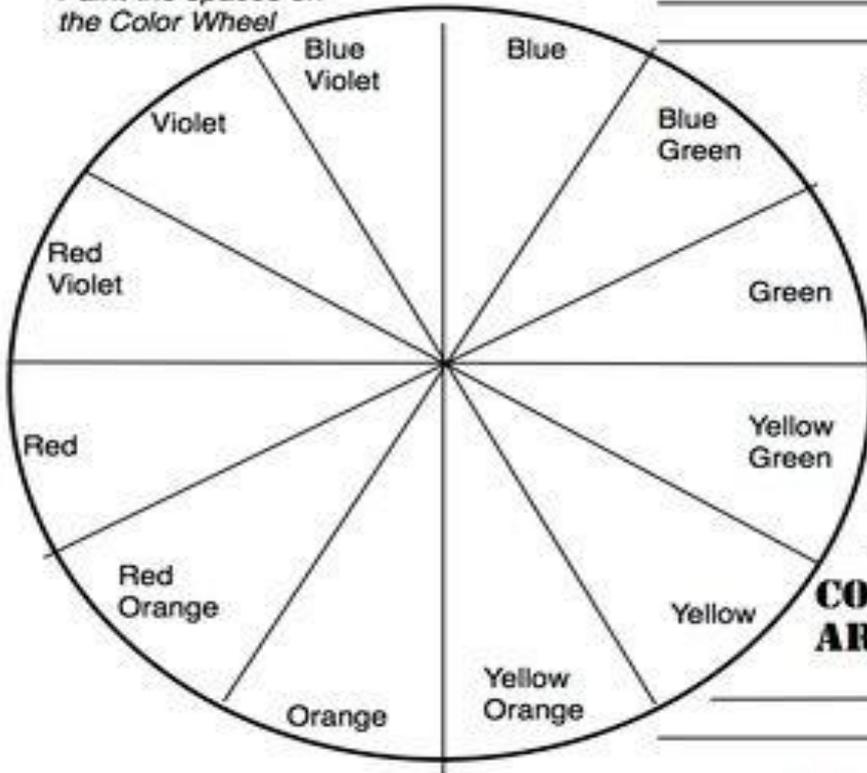
Comment

Comment

Elements of Colour

COLOR IS WHAT? (explain & give an example)

Paint the spaces on the Color Wheel



PRIMARY COLORS

--	--	--

TERTIARY COLORS ARE: (give an example)

COMPLEMENTARY COLORS ARE:

SECONDARY COLORS

+ = **Green**

+ = **Orange**

+ = **Violet**

ANALOGOUS COLORS ARE:

WARM COLORS

--	--	--

COOL COLORS

--	--	--

MONOCHROMATIC IS:

Paint example of monochromatic

--

Formal Elements

A work of art can be analysed by considering a variety of aspects of it individually. These aspects are often called the elements of art. A commonly used list of the main elements include **form, shape, line, color, value, space and texture**. Research each element and describe what it means.

What is Line?

What is Texture?

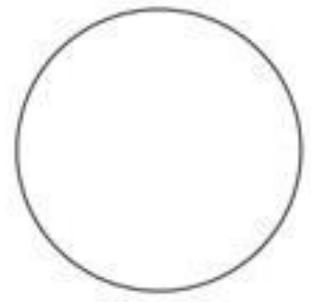
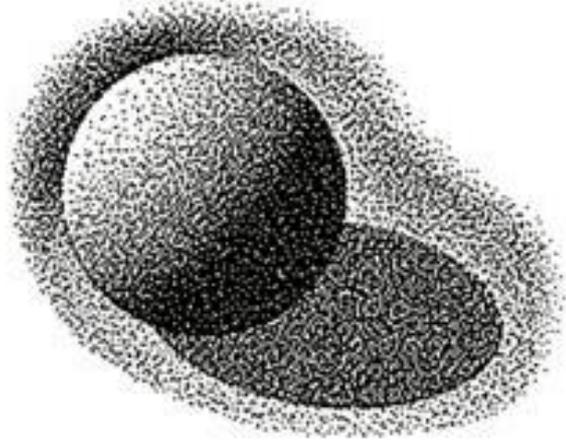
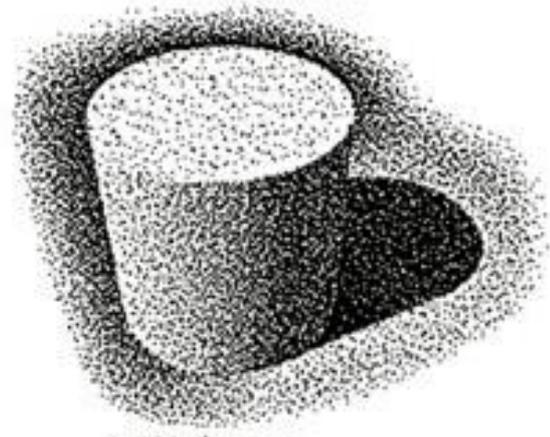
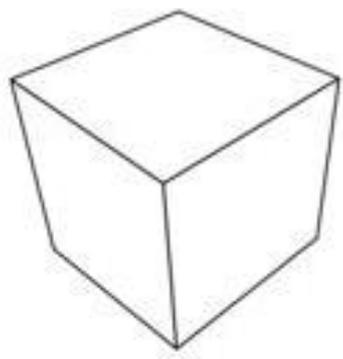
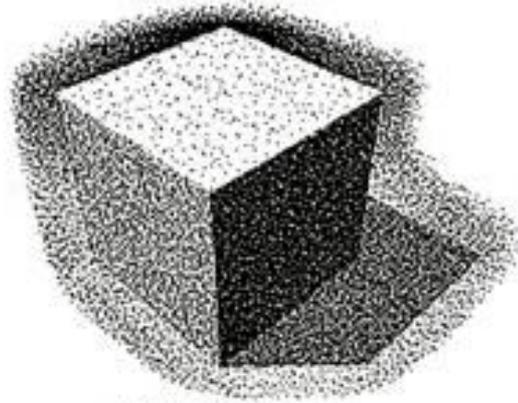
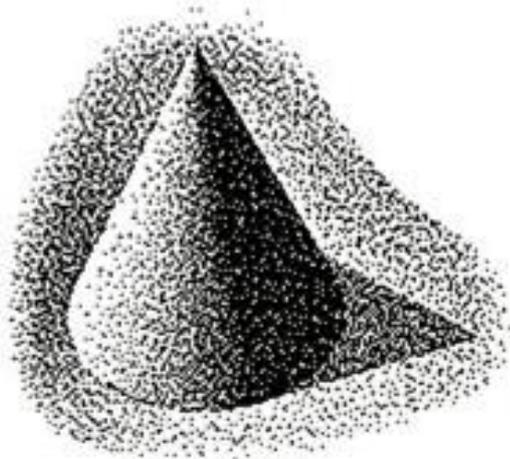
What is Form?

What is Shape?

What is Tone?

What is Colour?

Using a pencil, preferably a HB pencil, see if you can replicate the light and shade on each shape below:



Digital Communications (ICT and Computing)



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These are some logos, see if you can identify them and complete the questions.
Hint- they are American logos (to add some challenge!)

Logo	Who's logo is this?	What colour do you associate with it?	Is there any text that normally goes with it?	How many elements (parts) make up the logo?	Is the logo simple or complicated?
					
					
					
					
					
					
					

How to prepare for Philosophy and Ethics @SMHS



Christianity:

Do you know about the inside of a church? What features does it have? Why?

Read information on the website below and label the diagram →

<https://www.bbc.co.uk/bitesize/topics/z4tb4wx/articles/zk4fxyc>

Label the features of a Christian church



Practice and Belonging - Islam:

Research Islamic celebrations. What do they celebrate? How to they celebrate? Why do they celebrate?

<https://www.bbc.co.uk/bitesize/topics/zbmygk7/articles/zjrrscw>



Sikhism - Religious symbol

The **Khanda** is the symbol of the Sikh faith. It consists of three different types of weapons:
A double edged sword or **khanda** in the centre.
A round throwing weapon known as a **chakkar**.
Two single-edged swords called **kirpans**, crossed either side of the other weapons.

Challenge! Can you think of **five** different religious celebrations from **five** different religions that might be seen in the United Kingdom? Produce a poster with information on what each one is about!





Well done for completing all the tasks!

We are looking forward to reading through your booklet so don't forget to send it to us!

Take and stay safe!