

## Knowledge Organiser

A knowledge organiser contains facts and information that students need to have a basic understanding of topics they will learn in the academy. Your teachers in each subject have provided two pieces of information they would like you to learn before you start Year7 In September. This will make your first lessons easier, as you will already know the important information and can begin to learn independently which will help throughout your time at the academy and when you take GCSEs.

### English

**Word Class.** This is the job the word has within a sentence e.g. verb, adverb, adjective, noun.

**Quotation.** This is a short, copied example from a text that we use in our writing as evidence or proof of our ideas.

“ ”

### Maths

**Place value.** Every digit within a number has a value and our decimal system is based upon units of 10.

**Mathematical operations.** There are four operation that can be performed upon numbers; addition, subtraction, multiplication and division.

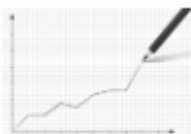
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### Science

**An Investigation.** A scientific investigation involves three main stages:

1. Design: planning what to do.
2. Carrying out: doing the practical work and recording the results.
3. Interpreting: working out what the results mean.

**Data.** This is information that you will gather and process to help look for patterns and answer questions.



### Catering

**Washing up.** Always use hot soapy water as it removes grease and kills bacteria.



**Cooking preparation.** Makes sure you can complete the activity safely: remove jewellery, tie back long hair, wash hands, use a clean apron.

### Engineering

**Softwood.** Any wood that comes from coniferous (evergreen) tree, that has cones and needles.



**Hardwood.** Any wood that comes from a deciduous tree (broad leaf, loses its leaves in the Autumn).

### ICT

**E-Safety.** Stands for electronic safety, it is keeping safe on all electronic devices such as mobile phones.



**Passwords.** Should:

- be changed often.
- be easy to remember but not written down.
- use a mix of upper and lowercase letters.
- use punctuation marks and special characters such as #, \$, %.

### PSHE



**Empathy.** The ability to understand and share the feelings of another.

**Personal growth.** Techniques for building positive habits, behaviour, actions and reactions.

## Knowledge Organiser

On the next two pages you will find some activities relating to the knowledge organiser, to help embed your learning. It is really important that you learn this information to give you the best possible start in the Autumn term.

### Geography

**Human geography.** The impact of people on the earth.

**Physical geography.** The natural world without people.

#### **7 continents and 5 oceans.**

The United Kingdom (UK) is an Island country located in the continent of Europe, it is made up of four nations: England, Scotland, Northern Ireland and Wales.



### Modern Foreign Languages

**A cognate.** A word in a foreign language that looks and sounds like a word in English and has that same meaning. Eg. Le cinéma is French for 'cinema',

**An infinitive verb.** In English is the form of the verb which follows 'to' e.g. to play, to sleep, to eat.



### Art

#### **Observational drawing.**

Drawing what you can see as realistically and as true to life as possible.

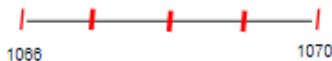
**Responding to Artists.** Taking ideas from artists and using them as inspiration.



### History

**A source.** A historical clue about the past. There are two types, primary and secondary.

**Chronology.** The arranging of dates and event in the order they took place.



### Physical Education

**Heart rate.** the number of times your hearts beat per minute. During exercise the heart rate increases so that enough blood is taken to the working muscles to provide them with enough nutrients and oxygen.



**Sportsmanship.** Sportsmanship is an aspiration or ethos that a sport or activity will be enjoyed for its own sake. This is with proper consideration for fairness, ethics, respect, and a sense of fellowship with one's competitors.

### Music

**Performing.** The art of playing or singing a piece of music to an audience to express the feelings and intentions of the composer.

**Composing.** Creating your own piece of music or song to express your own feelings and intentions in music.



### Religious Education

**Philosophy.** The study of general and fundamental questions about existence, knowledge, values, reason, mind, and language.



**Theology.** The systematic study of the nature of the Divine and, more broadly, of religious belief.



### Drama

**Scripted Drama.** The aim of performing a script is to interpret a playwrights' intentions to an audience through characterisation.

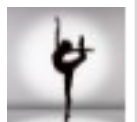


**Devised Drama.** This process allows a group to tease out stories they want to tell, and how exactly they want to tell them, through improvisation.

### Dance

**Choreographer.** A person who composes the sequence of steps and moves for a performance of dance.

**Motif.** A movement phrase encapsulating an idea that is repeated and developed throughout the dance.



**Year 6 Transition Knowledge Organiser Tasks**

Below are tasks you **MUST** complete over the summer to help you to learn the information on the knowledge organiser for the start of term in September.

**Task 1:**  
Write a definition of ONE key word from each subject in your OWN WORDS.

<b>Key word/fact</b>	<b>Your own definition</b>

**Task 2:**

Create ten question quiz with the information from the knowledge organiser as the answers.  
Ask your parents to test you on this once a week.

Quiz question	Quiz answer

**Task 3:**

Explain to your parents/carers the definitions from each key word from each subject.