

Autumn 1 Knowledge Organiser - Year 7 Name:

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Just reading through your books or a knowledge organiser is not always an effective way to revise. Instead, you should do something with the information. Choose an example of the revision methods on the pages or see if you can come up with another method.

The knowledge is evolutionary not revolutionary. Approximately half the knowledge is new and half helps you revise. Many of the activities are changing. We hope you enjoy them.

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#### Idea

Make some flash cards or PowerPoint slides. Make top trumps.



Make a poster.



Draw spider diagrams, or for the adventurous mind maps.









Write a story or comic strip.

Write a quiz.

Design a game.



Explanation

Write down key words, auotation, auestions or eauations on one side of a card. On the other side, write the definition or answer. Use them to test yourself.

Turn your notes into posters with lots of colour and illustrations. Summarising the key information in a different way is an effective way of learning and your brain will remember the colours more easily. Do the title last!

Write the topic/keyword in the centre of your page. Add everything you know in subtopics. Then explore each subtopic in turn adding more ideas. Colour/pictures help you recall.

Are there songs that stick your head. Change the lyrics to the information you want to learn. If you record and listen back it will be a more fun way of revising.

If you teach something to someone else the chance of recalling it is really high. This has been found to be the most effective way of learning something for the long term.

Take the keywords or facts that you need to learn and turn them into a story or a cartoon. The sillier the story the more likely you are to remember it.

Playing is how we learn as young children and it is a very powerful way of learning throughout life. If we enjoy the game it helps us remember.

- Aspiration
   There are no barriers to your ambition
- » Leadership Live your own life
- » Teamwork Together we achieve more
- » Humility Put others first
- » Courage Handle your fear
- » Hard work We need to make the most of our talents
- » Respect Treat others as you would like to be treated yourself
- » Service It is better to give than to receive
- » Integrity Be true to yourself
- Forgiveness
   Forgiveness is a friendship
   preserver
- Thankfulness
   Appreciate others;
   appreciate what
   you have
- » Perseverance Never give up





ZERO to HERO: 'All of us, no matter who we are, or how insignificant we may think we are, has the potential to be a hero' It is sometimes hard to stand firm, be brave, show courage when everything around us causes us to be worried or scared.

Throughout the Bible though, we are told that God will be with us, always, and therefore, we should be able to conquer our fears. God commands us to have courage, having faith and confidence in Him. "No one has greater love than this, to lay down one's life for one's friends. You are my friends if you do what I command you. I do not call you servants any longer, because the servant does not know what the master is doing; but I have called you friends, because I have made known to you everything that I have heard from my Father. You did not choose me but I chose you. And I appointed you to go and bear fruit, fruit that will last, so that the Father will give you whatever you ask him in my name. I am giving you these commands so that you may love one another."

Jesus speaking in John 15:13-17(NRSV)

KEY QUOTE: 'Integrity is doing the right thing. Even when no one is watching' CS Lewis

#### LISTEN: "Give us your courage" - Tim Hughes

https://www.youtube.com/watch?v=nBE4v8lVlfs&disable\_polymer=true This song is an encouragement to stand firm in the face of huge challenges – "For the truth of your Word we will stand. Give us your courage" LISTEN: **"Heroes" by David Bowie - sung by the Coach Choir** <u>https://www.youtube.com/watch?v=DO0kAtg9dRw&disable\_polymer=true</u> Over 6000 strangers from 45 countries submitted a video in 3 days to sing 1 song. It's dedicated to all the frontline heroes who are keeping us safe in the midst of the Covid-19 global pandemic

- Aspiration There are no barriers to your ambition
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   Forgiveness is a triendship preserver
- Thankfulness
   Appreciate others;
   appreciate what
   you have
- Perseverance
   Never give up



#### 'May your choices reflect your hopes not your fears' (Nelson Mandela)

Hope is fuel for our soul. Often in life, we find ourselves in need of hope, especially in difficult or worrying times. However, Jesus teaches that hope is an unbreakable spiritual lifeline; something that can grow through encouragement and faith and something that is to be shared with others (Hebrews 6:19-20).

#### EVERYONE CAN BE A HOPE CARRIER

Hope is like a baton used in a relay race. It's supposed to be held tightly as you run with it. However, hope is also too precious to keep to ourselves – it's supposed to be passed onto someone else. When we receive hope, there's always a greater purpose than just us. Hope comes to us, in order to flow through us. Who is 'running' alongside you this week who you can pass the baton of hope to?

BIBLE STORY: The Road to Emmaus (Luke 24:13-35). When we feel we have lost hope, others can give it back to us. We, in turn, become carriers of that hope to others.

#### LISTEN: 'Cornerstone' song

#### https://www.youtube.com/watch?v=izrk-erhDdk

This song is an encouragement to hold on, regardless of our circumstances – even in 'every high and stormy gale', to hope. For Christians, this hope is placed in Jesus Christ, whom they call 'The Cornerstone'. A cornerstone was the foundation and key stone in buildings it was always laid first and held the building up. Wonderful World by Louis Armstrong:

#### https://www.youtube.com/watch?v=DRONFXoXsJ0

For many people, looking at the wonder of nature can give them a new perspective and a renewed sense of hope. Where do you go to find a new hope?





THINK: Using these images, take a moment to think about the following: Where do you find your hope? What kind of hope do those around you need? What makes hope grow in what seem like barren and difficult circumstances?

#### Sharing the Love of Reading: 11-16-year olds



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Asking and answering questions (in our head and aloud) helps us to be better readers. We are constantly asking questions to encourage comprehension skills during reading and these can be broken into three clear sections; 'before', 'during' and 'after' reading. Here are some examples you can try at home: (You don't have to ask every question every time you read, try picking out 2-3 different questions each time you read.)
<ul> <li>Before reading:</li> <li>Why did you select this book?</li> <li>What makes you think this book is going to be interesting?</li> <li>What do you think the book is going to be about (use the cover image, title and blurb for clues)?</li> <li>Does this book remind you of anything else you've already read or seen?</li> </ul>
<b>During reading:</b> •Who/What/Where/When/Why/How questions •Will you catch me up on the story? What's happened so far? •Why do you think will happen next? Why do you think that? •Why do you think the character did ? •If you were that character, what would you have done differently in that situation? •How do you think the character is feeling right now? •If the book was a TV show, which actors would you cast in it? •What does the place look like in your head as you read? Would you want to visit there? •Did you learn any new words or facts so far?
<ul> <li>After reading:</li> <li>•What was your favourite part of the book? Why?</li> <li>•What was your favourite character? Why?</li> <li>•What was the most interesting thing you learned from the book?</li> <li>•Why do you think the author wrote this book?</li> <li>•Would you have ended the book differently? Did it end the way you thought it would?</li> <li>•If you could change one thing in the book, what would it be?</li> <li>•Do you think the book had a good title? What different titles could it have had?</li> <li>•Does this book remind you of anything else you have read? How so?</li> </ul>



## **Book Level:** improve my 0 H



According to my last quiz result, I should choose a book....



## **Correct:** Percent Average improve my 0 H











I will read several shorter

book and finish it

books

If you are able to understand a book as you read, but struggle to remember events when

you quiz, ask Miss Ling for a reading reminder sheet.



**Open University** research suggests there are three important ways to support readers and a love of reading.



Family

**Reading Time** 

**Read Aloud** 

**Reading aloud** to your children shows them reading is a pleasure, not a chore. Older children can also read to younger ones.

\*Reading together doesn't have to be a story (recipes, news articles etc. all count too!)

\*If you are not confident in reading aloud, why not listen to an audiobook together.

Making time to read alongside one another helps develop children's reading stamina and interest, Let them chose what to read and relax together (you don't need to be reading the same thing.) \* Where can you 'fit' reading in? It could be 10 minutes before tea, when they come home from school, waiting in the car, before bed etc. You may find it easier to set a regular time aside, or fit it in around your other commitments.

Children who read, and are supported as readers, develop strong reading skills and do better at school. Research also shows that reading aids relaxation and has benefits for mental health.



Book chats encourage readers. Invite them to make connections and share their views. Join in with your views too! (Please see the next page for suggested questions you can ask about any book.)



if...why...what... who...

I wonder

Adapted from Open University 'Supporting Reading at Home': <u>https://researchrichpedagogies.org/ downloads/Supporting Readers at Home Poster .pdf</u> For more ideas see: <u>https://www/researchrichpedadgogies.org</u>



### or codemy Multi-disciplinary learning. Key Stage 3.

#### What is a conspiracy theory?

Some people believe in things that other people do not. Here are a couple of examples for which there is little evidence.



However, some people then believe that other people are covering it all up. This can lead to some surprising places.

Activity 1: If there was Bigfoot or a Plesiosaur as shown above then how difficult would it be to keep it a secret? Look up how big Lock Ness is and how many people visit it every year.

Activity 2: Think about these questions / discuss them in a video chat with friends: What happens to you when you believe that the entire sections of society are keeping secrets? How could all scientists or the entire government keep a secret? How difficult would it be for 1000s of people to keep a secret? Why do film makers like conspiracy theories for their movies? Activity 3: Listen to this radio programme. It is available on BBC Sounds. <u>https://www.bbc.co.uk/sounds/play/m000dfqn</u>

How many conspiracy theories are mentioned? Which ones have you heard about?

Activity 4: Mr Ford once, for a joke spread the rumour that the canteen at his college was serving Weetabix that were so cheap, the box they came in had more nutritional value as at least it contained roughage in the cardboard box. he got into a lot of trouble and had to write an apology to be displayed at the college canteen till. Write a letter for Mr Ford, to try to explain that he now understands how serious disinformation can be, highlighting what might have gone wrong.

Activity 5: Craft a conspiracy theory about Mr Ford. Email him with it. How would you get people to believe it? How far could you stretch it? How could you stop it once people started believing it – even if it was you who made it up?

For those of you with access to Disney watch Lion Guard "Beware of the Zimwi" episode. How can belief cause panic?

Activity 6: Find out how anti-vaccination conspiracy theory has killed people.

https://www.iflscience.com/health-and-medicine/one-map-sumsdamage-caused-anti-vaccination-movement/

Activity 7: Challenge activity. Research one of the more popular myths and present a clear and referenced case to debunk it.

https://www.osce.org/odihr/441101?download=true

#### Colour WHEEL

### Year 7 Art- Autumn Term



![](_page_10_Picture_3.jpeg)

Ph1

STRIPPLING

SCUMBLING.

PATTERNS

![](_page_11_Picture_0.jpeg)

#### Year 7 CAD/CAM – Autumn 1 term

![](_page_11_Picture_2.jpeg)

#### CAD Computer Aided Design

![](_page_11_Picture_4.jpeg)

CAD is the use of computers to enable users to perform certain functions in the design process. At Open we use 2D Design and Siemens Solid Edge 3D CAD programmes.

In year 7 you will be introduced to the basics of 2D design, progressing to 3D CAD in year 9.

![](_page_11_Picture_7.jpeg)

Above is an example of a 2D Design drawing, cut on our laser cutter (CAM) from MDF and assembled to make a scale model of furniture for a GCSE project last year.

Here is a mould drawn on 2D Deign, cut on our laser cutter and poured with pewter to make a keyring.

![](_page_11_Picture_10.jpeg)

![](_page_11_Picture_11.jpeg)

![](_page_11_Picture_12.jpeg)

Focu

Desid

Focus 2D De

These are 2 main menus used in 2D Design. You will be learning how to make shapes, colour in shapes and fonts, resize, modify, copy and paste. Many of the commands on the left hand menu can be expanded when the mouse is kept pressed down

![](_page_11_Figure_14.jpeg)

2D Design is on the main desktop computers in the computer rooms. If you want to practice 2D CAD at home you can go to our Academy D&T learning resource which can be found here:

https://www.focuselearning.co.uk/u/36704/DDvsweeEdrxxpnvkotbBFgcBvEycjwpio

Some of the commands are the same, have a go. Practice makes perfect.

	👔 10 Dening Sep 🛛 🖌 🕂
	← → C ▲ tocustearing.cs.uk/programmet/drawing-app/app/
	Back to Main Menu New Open Save Save As Import * Print Export * Help Page * Grid * Isometric grid
	D D B X C 5 X B X III II
	💢 🖌 🔲 🗟   11' 00      🛊 🟮 🕲 🧾 🔁 🥘 🗐 🔘 30
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sioner	<ul> <li>O</li> </ul>
	3 G
and the second se	IA T
Designer Vector	
Graphics	💶 🔎 Type here to search O 🖘 😰 🐽 😰 😣 🐲 🔤 🖏 🍇 🔯 📾

CAM equipment we have is a 3D printer, laser cutter and Stikka machine. <u>Career paths</u> for those interested in CAD/CAM: Architect, Graphic designer, illustrator, textile designer, fashion designer, engineer.

![](_page_12_Picture_0.jpeg)

#### <u>Health and Safety</u>

Micro-organisms	Storing food sat
Micro-organisms are tiny forms of life. They can only be seen under a	Cooking (75°C)
microscope and are sometimes called microbes. They spoil food and make it unsafe to eat because they contaminate it with their waste products, their physical presence and the toxins they produce. What micro-organisms can spoil food and make it unsafe to	<ul> <li>Cooking food above bacteria</li> <li>Re-heat food prope Reheat food so 75°</li> </ul>
<u>eat?</u> There are three groups of micro-organisms that you need to know about that spoil food and cause food poisoning. These are • Bacteria	<ul> <li>Minutes</li> <li>Check the food is 7 temperature probe</li> </ul>
• Moulds	Chilling (0°C - 5°C)
<ul> <li>Yeasts</li> <li><u>Micro organisms need 5 conditions to grow and multiply:</u> <ol> <li>A warm temperature</li> <li>Plenty of moisture (water)</li> <li>Plenty of food</li> <li>The right PH level (not too acidic or alkaline)</li> <li>Enough time (bacteria split every 10-20 minutes)</li> </ol> </li> </ul>	<ul> <li>Keeping food betwee slows down the gro</li> <li>This extends the slows food doesn'</li> <li>Chilling food doesn' properties much - to tastes the same</li> </ul>
<ul> <li>High risk foods</li> <li>High risk food have ideal conditions for bacteria</li> <li>High risk foods are ready to eat foods that could grow harmful bacteria</li> <li>They are moist and high in protein which is food for bacteria.</li> <li>High risk foods have a short shelf life - you can't keep them for long or the bacteria might multiply to dangerous levels.</li> <li>Examples of high risk foods:</li> <li>Cooked meat, fish and poultry, dairy products (eggs, cheese etc.), gravies, stocks and sauces, shellfish, cooked rice.</li> </ul>	<ul> <li>Preparing self for cook</li> <li>Tie hair back to preve food</li> <li>Take off coats and ble</li> <li>Wear an apron to preve from our clothes to out</li> <li>Wash hands with hot</li> </ul>
<u>Example exam questions:</u> What five conditions to bacteria need to grow and multiply? (5 marks) What is a high risk food? (5 marks)	<ul> <li>Sanitise all work surfor</li> <li>Check equipment is cle</li> <li>Tuck all stools in as th</li> <li>Put all high risk foods growth</li> </ul>

#### <u>Storing food safely</u>

Cooking (75°C)	The danger zone (5°C-63°C)
<ul> <li>Cooking food above 75°C kills bacteria</li> <li>Re-heat food properly, only once. Reheat food so 75°C for at least 3 minutes</li> <li>Check the food is 75°C with a temperature probe</li> </ul>	<ul> <li>Bacteria can grow and multiply quickly between 5°C to 63°C.</li> <li>This is called the danger zone</li> <li>The optimum temperature for bacterial growth is 37°C</li> </ul>
Chilling (0°C - 5°C)	Freezing (-18°C)
<ul> <li>Keeping food between 0°C and 5°C slows down the growth of bacteria</li> <li>This extends the shelf life of food</li> <li>Chilling food doesn't change the properties much - food looks and tastes the same</li> </ul>	<ul> <li>Freezing food below -18°C stops bacteria growing - they become dormant</li> <li>Freezing generally extends shelf life and the nutrients aren't lost</li> <li>It doesn't kill the bacteria though. They become active again once the food defrosts.</li> </ul>
<ul> <li><u>Preparing self for cooking</u></li> <li>Tie hair back to prevent hair and dandru</li> </ul>	Iff falling in
<ul> <li>food</li> <li>Take off coats and blazers</li> <li>Wear an apron to prevent bacteria transfrom our clothes to our food</li> <li>Wash hands with hot soapy water to kill</li> </ul>	bacteria
<ul> <li>Preparing the room for cooking</li> <li>Sanitise all work surfaces</li> <li>Check equipment is clean and dry</li> </ul>	<ul> <li>Going to the toilet</li> <li>Touching hair or face</li> </ul>

![](_page_13_Picture_0.jpeg)

#### Warming up and cooling down

#### Components of a warm up:

- Pulse raiser
- Stretches
- Skill related

![](_page_13_Picture_7.jpeg)

#### 5 reasons why we must warm-up

- Increases the temperature of the muscles, tendons and ligaments, which reduces the chances of injury.
- 2.) Increases heart rate and body temperature safely, which reduces chances of injury.
- 3.) Increases flexibility, which aids flexibility.
- 4.) Mentally prepares you for exercise, which can help improve performance.
- 5.) Increases oxygen delivery to the working muscles, which supports performance

#### 6 reasons why we must cool down

- 1.) Gradually returns body temperature, breathing and heart back to their resting rate.
- 2.) To mentally unwind.
- 3.) To remove lactic acid, helping to prevent DOMS (Delayed Onset Muscle Soreness)
- To remove carbon dioxide and waste products.
- 5.) Improves flexibility

know?

6.) Avoids blood from gathering in muscles (pooling), which can cause dizziness

![](_page_13_Picture_21.jpeg)

Twitter to give reasons why walking for 30 minutes each day was important. Scan this QR code to see the benefits.

![](_page_13_Picture_23.jpeg)

When warming up and cooling down it's a good idea to have a	How do I warm up and cool down?	
routine so that you don't miss out on any important muscle	Warming up (scan the QR code for a good stretching routine)	回之
groups.	5-10 minute jog at a slow pace with dynamic (moving) stretches	- 2763
Extension Task	such as lunges or high knees for example.	- 296
<ul> <li>Can you identify any of the main muscle groups in your</li> </ul>	Cooling down	
body and tell your PE teacher in your next PE lesson?	5 minute slow jog with a 1 minute walk to reduce heart rate. Static	-119
<ul> <li>Research a stretch for each of the muscle groups you</li> </ul>	(holding in one place) stretch for 15 seconds.	

![](_page_13_Picture_25.jpeg)

![](_page_14_Picture_0.jpeg)

Scan the QR below and watch the video from the British Heart Foundation (BHF). Here they talk about what happens to our body after exercise.

Using this website, read the inspiring stories or useful information regarding how to keep your heart healthy.

Remember that attending extra-curricular clubs will not only help improve your understanding in that sport but it will also help improve your fitness levels, communication, teamwork, leadership and many other key values found in sport. We encourage you to attend at least one extra-curricular session.

![](_page_14_Picture_5.jpeg)

#### **Career Link**

![](_page_14_Picture_7.jpeg)

Sports coaches will need to have a good knowledge on what needs to be included in a warm up and cool down. They have the responsibility of making sure all the players/individuals are appropriately warmed up to prevent them getting injured and to help them perform at their best.

![](_page_15_Figure_0.jpeg)

![](_page_16_Picture_0.jpeg)

#### Year 7 Knowledge Organiser: What is Geography?/Geographical Skills

![](_page_16_Picture_2.jpeg)

#### Topics covered

- $\checkmark$  Types of Geography
- $\checkmark$  Describing a Landscape
- ✓ My Local area
- ✓ Using an Atlas/maps
- ✓ Global places
- ✓ UK, Great Britain and England
- ✓ Using Digital maps (GIS)
- $\checkmark$  Distance and Scale
- Directions and navigation
- ✓ OS Map symbols
- ✓ Describing a journey
- ✓ Grid References
- $\checkmark$  Contours and height

#### Key Ideas:

- 1. I can use geographical skills (topics on left) to help to understand my local surroundings.
- 2. I can recognise common 'geographical features' in un-familiar landscapes (places I have not seen before).
- 3. I can locate places from a local to a global scale using Atlas or Digital Mapping (GIS).

#### Skills

 Describing geographical features from images
 Navigating my local area
 Locating places and features, changing scale in digital mapping
 Measuring a distance using a scale bar
 Navigation/directions using compass points
 Calculate a grid reference to find a location
 Describing the shape of a landscape

Designed by KMU for Open Academy 2019

Places and Environments

✤ Local area

(where I live)

- \* Norwich
- ✤ England, Great Britain and UK
- ✤ 7 Continents

and 6 Oceans

### Key Terms Used in this Unit

□ Physical Geography □ Human Geography □ Environmental **Geographical** features **Continents** □ Equator □ Arctic circle □ Tropics □ Longitude □ Latitude □ Landmarks □ Land Use □ 4 figure Grid Reference □ 6 figure Grid Reference □ Scale □ Relief □ Plateau □ Valley

![](_page_17_Figure_0.jpeg)

Can you work out a 4 figure and 6 figure grid reference?

![](_page_18_Picture_0.jpeg)

#### German Autumn 1

Module 1: Meine Welt und ich (Me and My World)

Here is the vocabulary you will need for Module 1. Click on the hyperlinks near the speakers () hear the

German pronunciation. You will need to copy & paste the code first.

The full address is: <u>https://www.activeteachonline.com/view</u>

In this Module you will learn how to:

- introduce yourself in German
- pronounce German words
- count to 19
- say where you live
- describe your character
- ask & answer questions about your belongings.

Hallo! • Meeting and	greeting
----------------------	----------

Wie heißt du? What's your name? Ich heiße .... My name is .... Hallo! Hello! / Hil Guten Tag! Hello! Wie geht's? How are you? Gut, danke. Und dir? Fine, thanks. And you? Nicht schlecht. Not bad. Tschüs! Bye! Auf Wiedersehen! Goodbye!

![](_page_18_Picture_15.jpeg)

**rLDHjNSS** 

Die Zahlen 1–19 •	Numbers 1–19
eins	1
zwei	2
drei	3
vier	4
fünf	<sup>5</sup> cii1TQJ7
sechs	6
sieben	7
acht	8
neun	9
zehn	10
elf	11
zwölf	12
dreizehn	13
vierzehn	14
fünfzehn	15
sechzehn	16
siebzehn	17
achtzehn	18
neunzehn	19
Wie alt bist du?	How old are you?
Ich bin Jahre alt.	I am years old.
Wie alt ist (Julia)?	How old is (Julia)?
(Julia) ist Jahre alt.	(Julia) is years old.

![](_page_19_Picture_0.jpeg)

#### Wo wohnst du? • Where do you live?

Hive in

England

Ireland

Ich wohne in ...

Er/Sie/Es wohnt in ...

... England

... Irland

... Nordirland

... Schottland

.... Wales

... Deutschland

... Österreich

... der Schweiz

Northern ireland Scotland Wales Germany Austria

Switzerland

He/She/It lives in ...

2nIPMbuu

#### Wie bist du? • What are you like?

Ich bin .... (am... Er/Sie ist ... He/She is ... faul lazy. freundlich friendly intelligent intelligent kreativ creative launisch moody laut loud lustig funny musikalisch musical sportlich sporty

![](_page_19_Picture_16.jpeg)

#### Lieblingssachen • Favourite things

Mein Lieblingssport ist ... My favourite sport is ... Mein Lieblingsmonat ist ... My favourite month is ... Meine Lieblingsmusik ist ... My favourite music is ... Meine Lieblingszahl ist ... My favourite number is ... Meine Lieblingssendung ist ...

My favourite programme is ...

#### Meine Lieblingsfußballmannschaft ist ...

My favourite football team is ... Mein Lieblingsspiel ist ... My favourite game is ... Mein Lieblingsland ist ... My favourite country is ...

Mein Lieblingsauto ist ... My favourite car is ... Was ist dein Lieblingssport?

What's your favourite sport?

Was ist deine Lieblingszahl? What's your favourite number?

Was ist dein Lieblingsland? What's your favourite country?

#### Hast du einen Computer? Have you got a computer? Ich habe ... I have ... einen Computer a computer einen iPod an iPod einen Fußball a football eine Gitarre a guitar

a Wii

a snake

a mobile phone

a keyboard

a skateboard

eine Wii

eine Schlange

ein Keyboard

ein Skateboard

ein Handy

![](_page_19_Picture_28.jpeg)

**SBwhhtvv** 

**IMi7VI85** 

![](_page_20_Picture_0.jpeg)

Oft benutzte W • High-free	<mark>örter</mark> quency words
und	and
(und) auch	(and) also
aber	but 🔊
sehr	very 📢
ziemlich	quite
nicht	not
Was denkst du?	What do you think?
Ich denke,	I think_
Ich auch!	Me too!
Ich nicht!	Not mel/That's not what I think!
Was? Du spinnst!	What? You're joking!

German

Read the Strategy Box for ideas on learning new vocabulary.

#### 8U2E2wCX

#### Strategie 1

How do you know if you really know a word? Ask yourself:

- 1 Do I know what it means when I see it?
- 2 Can I pronounce it?
- 3 Can I spell it correctly?
- 4 Can I use it in a sentence?

Look, Say, Cover, Write, Check Use these five steps to learn the meaning, pronunciation and spelling of new words.

- Look carefully at the word. Close your eyes and try to picture the word in your mind. This uses your visual memory.
- 2 Say the word out loud to yourself. This uses your auditory memory.
- 3 Cover the word say it and 'see' the word in your mind.
- 4 Write the word out from memory.
- 5 Check your word against the original. Did you get it right? Combining seeing, listening and doing strategles makes memorising more effective.

Extra: If you find these steps easy, try to create sentences with the new words you learn.

Practise your German vocabulary on www.quizlet.com Click on your class name below to go directly to your Quizlet class.

<u>7H</u> <u>7O</u> <u>7P</u> <u>7E</u>

bl2BXqGu

www.textivate.com

Username: openacademy Password: firstsecond123 Go to 'my resourses' to find your work.

	un o	
wie?	HOWP	
Was?	What?	
Wo?	Where?	
Woher?	Where from?	
Wer?	Who?	

#### Year 7 History: Medieval life, kings and castles

Key words				
Chronology	The order in which things happen. The earliest event comes first.			
BC	'Before Christ' – the number of years before the birth of Jesus Christ			
AD	"Anno Domini" – the number of years after the birth of Jesus Christ			
Decede	10 years			
Century	100 years			
Millennium	1000 years			
Primary source	A source created in the time being studied			
Secondary source	A source created after the time being studied			
Evidence	Facts, statistics, or knowledge used to prove a particular point			

![](_page_21_Figure_2.jpeg)

![](_page_21_Figure_3.jpeg)

![](_page_21_Figure_4.jpeg)

![](_page_21_Figure_5.jpeg)

The Feudel system, introduced by William the Conqueror to keep order in medieval society. Each layer receives something from those above them, and gives something in return.

![](_page_22_Picture_0.jpeg)

#### The Battle of Hastings, 14th October 1066

- Harold's Saxon forces assembled at the top of Senlac Hill
- William's archers fire but the Saxon shield wall holds
- William's footmen charge but the shield wall still holds
- William's cavalry charge and even they can't break the shield wall!
- The Normans believe William is dead they retreat and some Saxons follow. Once William declared that he was still alive, his men turned and killed the pursuing Saxons
- The Normans carried out another false retreat and killed more gullible Saxons
- The shield wall now weakened, William's archers fired again and killed Harold Godwinson. The Saxons surrendered.

![](_page_22_Picture_9.jpeg)

#### Notte and Balley balley balley balley balley drawbridge drawbridge

#### Castles

In order to protect himself and his barons from Saxon attacks William also built castles around the country. These became more advanced over time. As well as being defensive structures they were also places for lords, barons and nobles to live.

#### The Domesday Book

William wanted to know who owned what so he could tax them efficiently, so he sent inspectors around the country and they compiled their findings in the Domesday Book. Find where you live on the Domesday Book! Search at https://opendomesday. org/ <sup>°</sup>

acodemy

#### Hikey Sprites Y6—Y7 Knowledge Organiser

#### Sprites/Spirits/Fairies

In Tudor and Elizabethan times fairies and/or sprites were thought of as bad spirits who played tricks on people. Fairies were also thought to bring illness, misfortune and disease

In the 16th Century people did not know much about the world around them, so sprites and spirits were easy to blame for problems.

Travellers worried that sprites would lead them into the woods, and they would never be seen again...

Books and plays, such as the Faerie Queene, and A Midsummer's Night Dream were written about fairies, sprites and spirits-<u>Eliza-</u> beth 1 was even known as "The Fairy Queen".

#### Literary devices

- Sensory language: Language that connects to the five senses (sight, sound, smell, taste, touch) to create an image or description. <u>Tom felt</u> cold, and goose bumps rippled across his arms.
- Foreshadowing: A warning or indication of something that might happen later in the story. <u>Gran had only one rule. Be home before dark.</u>
- Simile: Used to compare one thing to another by using like or as. <u>Tom</u> stumbled on, and burst onto the road like a rocket.
- Metaphor: Used to compare one thing to another by saying it <u>is</u> that thing. <u>The blanket of darkness became thicker.</u>
- Personification: Giving human characteristics to something nonhuman. <u>Deep shadows held a grip on the path.</u>
- Pathetic Fallacy: a kind of personification that gives human emotions to nature; for example, referring to weather features reflecting a mood. <u>Night was creeping in all around him, and the breeze made the</u> <u>limbs of trees clash together.</u>
- Bookending: Linking the opening to the ending using a similar phrase or description. <u>'Gran replied, "I told you to be home before dark".</u>

#### Tudor/Elizabethan beliefs about magic

Witches: In Shakespeare's time people believed that <u>witches</u> were people who had made a pact with the Devil in exchange of <u>supernatural powers</u>. They blamed witchcraft for many things, such as a plague in your village, or animals getting ill.

#### Superstitions: Tudors and Elizabethans were very superstitious.

![](_page_23_Picture_17.jpeg)

Some superstitions include: An eclipse was an omen of the devil; it was unlucky for a black cat to cross your path; the feathers on a peacock were seen as 'the evil eye'; you had to touch wood to avoid bad luck (this superstition dates back to the dark ages when trees were believed to have magical powers); and the seventh son of the seventh son was believed to

possess supernatural powers

#### Tudor/Elizabethan woodlands

In 1600 about a third of England was covered in forest.

The forest carried deeply symbolic meanings.

It was seen as a place of wildness and magicthe opposite of 'civilised' life.

Many of Shakespeare plays include scenes in woodlands, which are portrayed as offering temporary relief from a rigid order to which the characters must return.

Forest Law meant that the forest was a hunting ground for kings Travellers could walk for days and not see anyone else.

![](_page_23_Picture_26.jpeg)

![](_page_23_Picture_27.jpeg)

#### Hikey Sprites Y6—Y7 Knowledge Organiser

#### **Hikey Sprites**

Hikey Sprites, also known simply as Hikeys, are a specific type of bogey from of Norfolk. They are comparable to goblins or trolls, and have varying degrees of malice (evil intentions).

The Hikeys were known to have unpredictable personalities and thus could be playful and fun one moment only to turn vicious and cruel the next.

A common saying in some parts of Norfolk would be to warn children to return home at night with "come home quick or the Hikeys will get you!"

![](_page_24_Picture_5.jpeg)

#### KEY VOCABULARY 1

Abandoned: having been deserted or left Canopy: made up of the overlapping branches and leaves of forest trees Glistening: shining with a sparkling light Sinister: giving the impression that something harmful or evil will happen Disfigured: to spoil the appearance of Bewitched: to cast a spell or enchantment over Eerie: strange and frightening Mysterious: difficult or impossible to understand, explain, or identify Decayed: rotting Pungent: having a sharply strong taste or smell Flora and Fauna: Flora is plant life; fauna refers to animals. Overwhelmed: buried or drowned, defeated Perish: die Slaughter: kill Acrid: an unpleasantly bitter smell or taste

KEY VOCABULARY 2 Putrid: decaying or rotting—smelling terrible Malice: having evil intentions Fragrant: a pleasant or sweet smell Superstitious: any belief or practice based upon one's trust in luck or supernatural forces Unpredictable: behaves in a way that cannot be predicted, can be changeable Contorted: twisted or bent out of normal shape Enchanted: placed under a spell Prophesy: a prediction of what will happen in the future Rural: relating to areas in the country rather than the town.

Ominous: giving the impression that something bad will happen.

Traditional: customs or ways of behaving that have continued for a long time without changing Sprite: an elf/spirit or fairy

#### Features of traditional/folk tales

- Rural/setting
- Warnings
- Naïve characters
- Magic/ magical creatures
- Happy ending?
- Moral/message
- Task or journey
- Hero/villain
- Good/evil

#### The Brothers Grimm

These German brothers collected and published folklore during the 19th century. They were among the first and best-known collectors of German and European folk tales, and popularized traditional oral tale types such as Cinderella, The Frog Prince, Hansel and Gretel, Beauty and the Beast, Little Red Riding Hood, The Three Little Pigs, Sleeping Beauty and Snow White. Birch: the symbol of new beginnings, regeneration, hope, new dawns and the promise of what is to come.

Sycamore: symbolizes strength, protection, eternity, and divinity.

Beech: believed to enhance creativity, and links to wisdom and writing. Oak: symbol of strength, morale, resistance and knowledge.

> Horse Chestnut: symbolizes honesty, and justice. This tree produces conkers!

Hazel: Symbolizes wisdom and inspiration. This sacred tree is said to be cloaked in a powerful magic.

Vocabulary to learn Odyssey Penultimate Mythology Adjective Siren Mythical Narrative hook Hero Persuasive Journey	Structu (ar	re analysis - methods: Zoom in/out Repetition of an image/idea Links and connections between paragraphs Shifts: - inside to outside (and vice versa) - focus - time - topic - setting/place - mood/atmosphere - description to dialogue ind vice versa)	Language	e analysis Checklist: Link to task Relevant quote Meaning of quote Method named Effects explained Word zoomed in on Meaning of word Implied meanings	TIPLE         Time - change in TIME         Image: Place - change in PLACE         Topic - change in TOPIC         Image: Person - change in SPEAKER
Odyssey	Sentence Form	Definition		Example	Literary devices and word class <ul> <li>Metaphor – a literal comparison – she was a monster</li> </ul>
Fregment sentence       An incomplete idea.       Rolling thunder: <ul> <li>Personification – human the wind</li> <li>Simile – as/like/as if – hu</li> <li>Simile – as/like/as if – hu</li> <li>Onomatopoeia – the so</li> <li>Alliteration – same start</li> <li>Verbs – doing words</li> <li>Adjectives – describing to sentence</li> <li>Compound sets sail for home.</li> <li>But his voyage takes another 10 years and he must face many dangers.</li> <li>Complex sentence</li> <li>Complex sentence</li> <li>Contains an independent clause and at least one dependent clause.</li> <li>Despite the thunder and lightning, there was no role.</li> <li>Personification – human the wind</li> <li>Simile – as/like/as if – hu</li> <li>Onomatopoeia – the so</li> <li>Alliteration – same start</li> <li>Verbs – doing words</li> <li>Adjectives – describing to Adverbs – describe doing</li> <li>Nouns – objects or abst</li> <li>Adverbs – describe doing</li> <li>connotations of words – mystery</li> <li>mystery</li> <li>Marce</li> <li>Mar</li></ul>	<ul> <li>Personification – human qualities – the gross danced in the wind</li> <li>Simile – as/like/as if – he was like a man possessed</li> </ul>				
	Simple sentence	Contains one complete idea in an independent	clause.	The lightning flushed.	<ul> <li>Onomatopoeia – the sound words – bang, pop, sizzle</li> <li>Alliteration – same starting sounds - really rather raucous</li> <li>Verbs – doing words</li> </ul>
	Compound sentence	Contains two independent clauses. Inked by a semi-colon.	conjunction or a	The lightning flashed <b>and</b> the rain fell. The lightning flashed; the rain fell.	<ul> <li>Adjectives – describing words</li> <li>Nouns – objects or abstract things e.g. love</li> <li>Adverbs – describe doing words e.g. wrote neatly</li> </ul>
	Complex sentence	Contains an independent clause and at least on clause.	e dependent	Despite the thunder and lightning, there was no rain.	<ul> <li>connotations of words – associations – night-time = mystery</li> </ul>

Why study English?

https://www.prospects.ac.uk/careers-advice/what-can-i-do-with-my-degree/english

![](_page_26_Picture_0.jpeg)

# YEAR 7

![](_page_27_Picture_0.jpeg)

## @whisto\_maths YEAR 7 ALGEBRAIC THINKING gebraic notation

0

6

By the end of this unit you should be able

Output: the number / expression that comes out of a function

Input: the number/ symbol put into a function.

Operation: a mathematical process

Inverse: the operation that undoes what was done by the previous operation (The opposite operation)

Function: a relationship that instructs how to get from an input to an output

Be able to use inverse operations and

What do I need to be able to

heywords

#### The number that goes N Single Find functions from expressions Two step Sometimes there can be a number of possible function Forming a sequence Substitution into an expression 0 (Odd 3 to the input then times 2 eg +7x or x 2 could both be solutions to the above σ J(x + 3) Find the relationship between the input and the output OUTPUT Be able to substitute into single and Represent functions graphically Form sequences from expressions Find functions from expressions two step function machines NPUT NPUT "operation families NPUT × function machines This box gives the calculation instruction To find the input from the output Use the INVERSE operation 8 function machines (algebra) +4 х Ġ د <sub>0</sub> د ي function machine l() + 3 -INPUT c+4 $\sim$ Å \* 55 Put the expression The number that comes out ×5 +4 ເ 4 J(x + 3) ۍ ټ 13 x J = OVTPUT OUTPUT The substitution is the 'inp The OUTPUT becomes the 36 4 into a function 5(c + 4) 50 + 20 56 + 4 Sequence: items or numbers put in a pre-decided order ž Evaluate: work out Expression: a maths sentence with a minimum of two numbers and at least one math operation (no equals sign) Substitute: replace one variable with a number or new variable Linear: the difference between terms increases or decreases by the same value each tim Commutative: the order of the operations do not matter done in any order Commutative calculations Calculate the Using letters to represent numbers R end of each operation Substitution into expressions input value 4 x 7 If y = 7 this means the expression is asking for 4 multiplication can be E 5+5+5 IMPORTANT sequence 5×3 3x5 5 fighted by 5 whole first autput is Oddition and OUTPUT NOTE 웄 7 - 9 value at the £ 7+7+7+7 بو " ىد ΟυΤΡυτ (μ) y=J(x + 3) To represent graphically the input becomes x co-and the output becomes y co-ordinates Representing functions graphically INPUT (x) Take the function and generate a sequence NPUT G This becomes a co-ordinate pair (2, 10) to plot on a graph 4 lots of 'y y + y + y + y lots of 4 x y yx4 Find functions Sometimes it helps to try to explain the expres £ f add 5 then divide by 3 웄 ¥ 4 lots of 'y' $\sim$ ů 7 x 4 e х 5 5 f + 5 w E. 20 shared into 'h' number of \* Scholo 20 - h м from expressions $\frac{20}{h}$ 28 ž ۍ س NOTE: the difference in the two J(x + 3) -ordinates OUTPUT Single function machines (algebra) Two step function machines OUTPUT INPUT 16 12 10 2 Calculate the value at the end of each operation NPUT S 8 For the input use the INVERSE operations To find the input from the output Use the INVERSE operation Not al graphs will be inear only those with an integer value for x Powers and fractions generate differently shaped graphs f divided by then add 5 then add and consider what has happened to the input 1 F ¥ INPUT 5 ىْن x 10 0 <del>ب</del>انی ج Because this is a linea graph you can predict ¥ other values ÷ OUTPUT NOTE ğ 8 ¥ OUTPUT

![](_page_28_Picture_0.jpeg)

## @whisto\_maths YEAR 7 ALGEBRAIC THINKING. Equality and Equivalence

29

00

What do I need to be able to

heywords

By the end of this unit you should be to:

able

Solve: to find the solution

**Equality:** two expressions that have the same value **Equation:** a mathematical statement that two things are equal **Equals:** represented by '=' symbol — means the same **Solution:** the set or value that satisfies the equation

![](_page_28_Figure_2.jpeg)

![](_page_29_Picture_0.jpeg)

## YEAR @whisto\_maths Operations with equations and directed numbers DIRECTED NUMBER

By the end of this unit you should be able to:

Subtract taking away one number from another Negative: a value less than zero.

Commutative: changing the order of the operations does not change the result

Product: multiply terms

Perform calculations that cross zero Odd/ Subtract directed numbers

What do I need to be able to do?

heywords

![](_page_29_Figure_2.jpeg)

 $\times$ 

 $\times$ 5

 $\times$ 

ىد

0

4x = J

20 20

Oddition or subtraction

6 9 J

NAON

0 0 0 0

Indices or roots

 $\times$ 

×

×

×

X4

ئە

0

Remember square roots have

9

3 N J O L N J X

positive and negative value

Function machine

09

ىد  $\times$ 

Inverse operations to find x

30

![](_page_30_Picture_0.jpeg)

## YEAR 7 @whisto\_maths FRACTIONAL THINKING Oddition and subtraction of fractions

By the end of this unit you should be able to:

Convert between mixed numbers and fractions Odd/Subtract unit fractions (same denominator) What do I need to be able to do?

heywords

Numerator : the number above the line on a fraction. The top number. Represents how many parts are taken. Denominator: the number below the line on a fraction. The number represent the total number of parts.

#### Odd 521 **Odd/Subtraction fractions (improper and mixed) Odd/Subtraction fractions (common multiples)** Sequences Partitioning method $\frac{2}{7} + \frac{3}{7}$ Representing Fractions (410) (410) $2\frac{2}{10}$ ·21 5 10 22 $\frac{3}{5} + \frac{7}{10}$ $\frac{6}{10} + \frac{7}{10}$ Use equivalent fractions **Odd/Subtract fractions from integers** Odd/Subtract fractions (same denominator) Use fractions in algebraic contexts numbers Odd/Subtract any fractions Odd/Subtract improper fractions and mixed ( -- ) $\frac{1}{10}$ 'Subtract fractions $1\frac{3}{10}$ is represented in 10 13 all the images Ш $\frac{10}{10}$ Oddition/Subtraction needs a common denominator 414 Ш ω | N 10 $\frac{1}{10}$ 9 WIN ωIN 10 13 $\frac{2}{10}$ Represent this on a number line to help $\sim$ Same denominator ωIΗ Convert to an improper fraction Calculate with common denominato з ;: Mixed numbers and fractions ۳ ۱۷ In this model 5 parts make up ( whole 10 3 Equivalent: of equal value Mixed numbers: a number with an integer and a proper fraction Place value: the value of a digit depending on its place in a number. In our decimal number system, each place is Substitute: replace a variable with a numerical value Improper fractions: a fraction with a bigger numerator than denominator 10 times bigger than the place to its right Odd/Subtract from integers 3+ 10 $1 - \frac{2}{6}$ 0 611 10 3 The denominator indicates the number of parts a whole is made up of **Odd/Subtraction any fractions** ω I ່ທ່ານ 1 10 9 5 <mark>4</mark> - 2 3 $\sim$ Improper fraction Mixed number Fractions can be bigger than a whole Use equivalent fractions to find a common multiple for both denominators Fractions and decimals **Opply inverse operations** Fractions in algebraic contexts $\frac{1}{100} = 0.01$ 10 = 0.1 $k - \frac{5}{8} = 2$ k = 2 + <u>5</u> (N -15 12 Ш 410 Example $\frac{1}{12} + \frac{1}{12}$ Odd/Subtract unit fractions ω With the same denominator ONLY the numerator is added ່ **ດ** | ⊢ ļ Form expressions with fractions $b + \frac{7}{9} \longrightarrow b + \frac{7}{9}$ 4 | 1 4 4 | 1 $\frac{6}{10} + \frac{3}{10}$ $\frac{6}{10} + 0.3$ 10 Equivalent fractions 12 7+7 $\omega \mapsto$ Ē Ш 15 61 N $\omega \mid N$ or subtracted Remember to use equivalent fractions and common denominators ♦ 0.6 + 0.3 q 15 Same denominator П Substitution $\frac{p}{8} + \frac{1}{m}$ 5 m =Numerator and denominator have the same multipler $\frac{5}{8} + \frac{1}{2}$ 410 6 4 п $\frac{12}{12}$ 2

31

#### Year 7 RS: How is identity influenced by religious belief and culture?

Key words		
Identity	A fact of being who a person is.	
Beliefs	A firmly held opinion, something one accepts as being true or real.	
Customs	A traditional or widely accepted way of behaving in a traditional society or culture.	
Traditions	a long-established custom or belief that has been passed on from one generation to another.	
Culture	The ideas, customs and social behaviour of a particular society or people.	
Spiritual	relating to or affecting the human spirit or soul as opposed to material or physical things.	
Morals	standards of behaviour; principles of right and wrong.	
Belonging	an affinity for a place or situation.	
Values	They are basic and fundamental beliefs that guide or motivate attitudes or actions. They help us to determine what is important to us.	

Believer's Baptism- Christians who practise believer's Baptism accept that a person needs to be able to claim Jesus as their personal saviour. The celebration of baptism is a way of showing that this belief exists and the person wishes to be totally committed to the will of God. The Baptist and Pentecostal churches, and some Anglican churches, practise Believer's Baptism.

#### Bar Mitzvah and Bat Mitzvah in Judaism.

Bar and Bat Mitzvah ceremonies mark the transition into adulthood for young Jews. At age 13 a boy becomes Bar Mitzvah and at age 13 a girl becomes a Bat Mitzvah. After these ceremonies Jewish boys or girls become responsible for living according to Jewish Law. At this point, each young person has to accept the law and its obligations, participate fully in services at the synagogue and set a good example for others. After the ceremony, a Jewish boy can be counted as part of a minyan, and in Reform synagogues girls who are Bat Mitzvah can also be counted.

A Bar Mitzvah happens around a boy's 13th birthday and is part of a service in the synagogue. The boy, who has prepared for the ceremony by spending a lot of time studying it, reads from the Torah. The boy puts on the tefillin for the first time.

The rabbigives a talk, speaking to both the boy and his family and to the rest of the community. The boy might also give a talk to the people gathered.

It is traditional for the boy's father to recite a prayer of thanks to God for bringing his son to maturity. The boy receives gifts and there is a celebratory meal.

The Bat Mitzvah is only practised by Reform and Liberal Jewish communities. The ceremony follows a similar pattern to the Bar Mitzvah and happens around a girl's 12th birthday.

During her Bat Mitzvah, a girl may read from the Torah or she may instead read a prayer from the Siddur. Traditionally, within Judaism, males and females are not thought to have the same responsibilities. As a result, in some Jewish communities, some rules (such as the requirement to read from the Torah) are less strict for girls than they are for boys.

#### Infant baptism in Christianity

Many denominations baptise infants. Although ceremonies are similar, there are some important differences between them.

During the infant baptism ceremony:

- the baby, parents and thegodparents are welcomed
- there are readings from the Bible
- the parents and godparents take vows, renounce Satan and evil and profess their faith and the faith they want the baby to be brought up in
- the Apostles' Creed might be said as a statement of faith
- water is poured over the baby's head as the minister says: I baptise you in the name of the Father and of the Son and of the Holy Spirit (in Orthodox Churches, the baby is briefly put completely under the water)
- godparents are sometimes given a lighted candle to represent the light of Jesus that has come into the baby's life
- for the ceremony, parents may dress their baby in a special white garment

Christians believe that baptism welcomes the child into the Church, and some believe it removes from the baby original sin that was brought into the world when Adam and Eve disobeyed God in the Garden of Eden. A pilgrimage is a journey with a religious or spiritual significance. For Muslims it is a duty to go on pilgrimage to Makkah (Mecca) at least once in their lifetime, if they have the means. For Muslims it is a duty to go on pilgrimage to Makkah (Mecca) at least once in their lifetime, as long as they are physically able and can afford it. The pilgrimage to Makkah is called Hajj and is the fifth Pillar of Islam. Muslims try to go to Makkah during Dhu al-Hijjah, the twelfth month of the Islamic calendar. Muslims must follow a number of important rituals whilst on Hajj:

#### Ihram

Ihram relates to the state of purity and equality before God (Allah) which Muslims enter before going on Hajj. To symbolise this state, male pilgrims wear two lengths of white cloth whilst on Hajj; female pilgrims wear ordinary clothes, but must keep their faces uncovered. These clothes may be kept by the pilgrim and at their death used to wrap their body for burial.

#### Ka'bah

On the first day of the Majj, pilgrims walk around the Ka'bah seven times in an anticlockwise direction while repeating prayers. This is called Tawaf. Thousands of people do this at the same time and only a few are able to touch or kiss the Black Stone, embedded in one corner of the Ka'bah. If a pilgrim isn't able to touch the Black Stone, they hold up their hand to it as they pass. Walking around the Ka'bah with thousands of others represents the Muslim belief in the equality of all Muslims. Muslims are recommended to complete a second Tawaf at the end of their pilgrimage. At the end of the pilgrimage, Muslims celebrate the festival of Eid ul-Adha. This festival reminds them of Ibrahim's obedience when he was told by Allah to sacrifice his son, Ismail. Muslims may sacrifice a sheep or a goat to symbolise the lamb provided by Allah for Ibrahim to sacrifice in place of Ismail.

![](_page_32_Picture_16.jpeg)

![](_page_33_Picture_0.jpeg)

#### Year 7 Autumn Term Knowledge Organiser

Duration	How long a note lasts for
Pitch	How high or low a note is
Tempo	How fast or slow a note is
Dynamics	How loud or quiet the music is
Timbre	The quality of sound
Texture	How thick or thin the music is
Structure	How the sections of music are laid out e.g. chorus, verse etc.
Silence	When the instruments stop playing

С

![](_page_33_Figure_3.jpeg)

А

![](_page_34_Picture_0.jpeg)

#### Year 7 Autumn Term Knowledge Organiser

![](_page_34_Figure_2.jpeg)

Strings	Violin, Viola, Cello, Double Bass, Guitar, Harp, Ukulele, Banjo
Brass	Trumpet, Trombone, Tuba, Cornet, French Horn, Euphonium, Sousaphone
Woodwind	Flute, Piccolo, Clarinet, Oboe, Bassoon, Recorder, Saxophone
Percussion	Drums, Timpani, Cymbals, Djembes, Cajons, Xylophone, Glockenspiel, Maracas, Claves, Snare Drum, Bass Drum

![](_page_34_Picture_4.jpeg)

<u>General vocab</u>	key signature – the flats and sharps at the
	beginning of each line, to be played
accent – where the music is emphasised	throughout the piece
bar – a regular section on a staff, separated	music
by vertical lines. Contains the beats	major – a happy sounding piece of
beat - unit of rhythm	measure — a bar in a piece of music
canon – tune that is repeated at regular	minor – a sad sounding piece of music
intervals by different performers, but with	notation – a method of writing music
different starting times	octave – 8 full tones above the key note.
chant – singing in unison, with a similar	Start and end of a scale
rhythm to speech	off beat – the unaccented beat
choir – group of singers	orchestra – a large group of instruments,
chord – 2 or more notes (usually 3) played	usually classical
simultaneously in harmony	pulse – the constant beat in a piece of
chord progression - string of chords played	music sect - moment when a note is not along
in succession, usually a pattern	for a defined length of time
cier – a symbol on written music, derining	rhythm – structured groups of accented
what pitch to play the hote	and unaccented beats
	scale – successive notes of a key, ascending
decrescendo – getting quieter	or descending
dissonance – narsn sounds, chords not in	sharp – note to be raised by a semitone
narmony	slur – a curve over notes suggesting that it
downbeat - Tirst beat in a bar	is slurred together
drone – monotonous tone	starrato – short sharp potes
duet – two vocalists or instruments	stattato – sirort, sirar priotos ctaff – fina horizontal linor on which notor
dynamics – how loud or quiet a piece of	stall - IIVE norizontal lines on which notes
music is	
ensemble – all instruments in an orchestra	rempo – speed of a piece
or all voices in a choir, playing at once.	time signature - now many beats to a bar
flat – playing a note a semitone lower than	unison – playing or singing the same notes
the written one	simultaneously
forte – loud	vibrato – quickly alternating between two
harmony – pleasing combination of two or	notes – a wobbly sound
more notes, played in background behind	Common Tempo words
melody	
<b>key</b> – system of notes based on a key note	allegro – quick and lively
Rest lengths	andante – at a walking pace
	adagio – slow and calm
Semibreve rest – 4 beats	largo – slow and broad
Minim rest – 2 beats	<b>moderato</b> – a moderate pace
Crotchet rest – 1 beat	rallentando - gradually getter slower
$7$ Quaver rest – $\frac{1}{2}$ beat	accelerando – gradually getting faster
😽 Semiquaver rest – ¼ beat	

#### Knowledge Organiser: Year 7 Term 1 Using Computers Safely, Effectively and Responsibly

#### Summary

Behaviours such as altering computer data without permission, hacking, cyberbullying and trolling are considered unethical and harmful in relation to computer systems.

Stay safe from phishing by deleting unknown email immediately. Do not follow any links contained in the email. Instead, go to the website directly, and try to log in there.

There are a number of ways to protect against malware: install antivirus software and use firewall. Show caution by not opening emails from senders who you do not recognise and not installing programs downloaded illegally.

The easiest way to stay safe online is to stay in control of personal information given out.

Resizing images and compressing files reduces the upload and download time when sending email. File Explorer is a software application for managing your files, searching them and navigating around them. Always choose a password that's difficult for someone else to guess. Use a mixture of UPPERCASE and lowercase letters, numbers and symbols.

#### Email is short for 'electronic mail'

#### Staying safe online

#### Advantages of using email

- Can send to multiple recipients at once.
- Can send attachments
- Sent instantly at any time.
- Can request a receipt that the email has been read
- Can send and receive email from any web enabled device

#### Disadvantages

- Phishing. Spam. Viruses
- Need an Internet connection
- Your message can only be read when the recipient next logs in and checks their mail

#### Sending an email

![](_page_36_Picture_21.jpeg)

#### your name telephone number address or school

Never disclose

Never accept someone as a 'friend' on social media simply because they claim to know another friend of yours. Always be cautious about what you say online.

Never agree to meet anyone in person that you've only known online. If somebody does start sending you messages that offend or upset you, tell an adult that you trust.

#### Visit these websites for advice

![](_page_36_Picture_26.jpeg)

Key Vocabulary	
Attachment	A file that is sent with an email.
Anti-virus	Anti-virus software scans all forms of storage devices for viruses and, if found, attempts to remove them.
Computer system	Computer system is one that is able to take a set of inputs, process them and create a set of outputs.
Cyberbullying	Cyberbullying involves sending offensive texts or emails, posting lies or insults on social networking sites and sharing embarrassing videos or photos online.
File sharing	The act of sharing files over the internet.
Hack	Gaining unauthorised access to a computer.
Malware	Malicious software created to damage or gain illegal access to computer systems.
Phishing	Trying to trick someone into giving out information over email is called 'phishing'.
Troll	A derogatory name used as a term for a person who posts offensive messages online.

#### Folders, sub-folders & files Sub-folder File type

![](_page_36_Picture_29.jpeg)

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GO

PRACTICE

![](_page_36_Picture_30.jpeg)