



What are you doing this summer?

English and literacy

- Visit the school website and find the curriculum summaries for your coming year so you know what units are coming up. <https://www.goldingtonacademy.org.uk/Curriculum-Overview>
- Research the authors/texts that you will be studying next year so you are ahead of the game.
- Work through the literacy guide on the website under English <https://fluencycontent2-schoolwebsite.netdna-ssl.com/FileCluster/GoldingtonAcademy/MainFolder/Documents/Curriculum/English/Improving-literacy.pdf>
- Read a fiction book or series
- Read a historical fiction book about an event or character which interests you
- Watch films relevant to English literature in KS3
- Keep a journal/diary
- Create a story or a series with a character and a setting
- Write a film or playscript – you could design your own record label and album cover
- Write a song or an album – you could also design the cover based around your chosen genre
- Respond to articles/debates that you might see in the media
- Write to your MP with ideas/concerns about the town

Maths and numeracy

- Estimate cost of your shop around the supermarket and work out the 'best buys'.
- Estimate the price of the bill at the end of a meal (always a good game to play!)
- find some nice recipes for summery foods and drinks and then adapt the recipes to cater for your whole family or a gathering. You could then research and go online to find out the cost of ingredients and party supplies to create a real or imaginary summer party for after lockdown.
- plan a dream holiday anywhere in the world, set a budget...go with family perhaps take a friend. Can you find any good deals / discounts?
- Design your own water park. Include where in the world you would have it and why, how much they would charge etc. Research online for this too to find out about other water parks.
- look at your shopping receipts, work out what % you spend on each type of product, work out how much you spend a week/month/year. Could you get the same food / clothes / products cheaper elsewhere?

Science and nature

Science:

- Download the Secondary Activity Pack which contains lots of activities from this year's British Science Week with the theme 'Our Diverse Planet' <https://www.britishscienceweek.org/plan-your-activities/activity-packs/>
- Complete any of the Home Learning Activities provided by the WWT https://www.wwt.org.uk/discover-wetlands/home-learning-and-family-fun?gclid=EA1aIQobChMlio6M6q6k6gIVg-3tCh0-WgLSEAAAYBCAAEgJZCfD_BwE#
- Research and decide on who is the most influential scientist of today. Produce a poster summarising who you have chosen and why.
- Watch online science programmes and experiments including the channel 'Physics Girl' on <https://www.youtube.com/user/physicswoman>

- Access any of these relevant KS3 science resources provided by STEM Learning <https://www.stem.org.uk/secondary-science>
- Participate in the Big Ideas 'Great Exhibition at Home' Competition (deadline 10/09/20) <https://www.big-ideas.org/join1851/>
- Design a New Species and partake in the Linnean Society's new competition: <http://www.schoolscience.co.uk/specialspeciescompetition>
- Complete your own Science Experiments at home, using some of these ideas: <https://lemonlimeadventures.com/awesome-science-experiments-for-older-kids/>
- Keep up to date with key calendar events happening in Space over the summer:
 - 01/07/20- NASA astronauts Chris Cassidy and Bob Behnken will take a 7-hour spacewalk outside the International Space Station. Watch it live: <https://www.space.com/17933-nasa-television-webcasts-live-space-tv.html>
 - 14/07/20- The United Arab Emirates plans to launch its first Mars orbiter, the Hope Mars Mission

Nature:

- Our woodlands and parks are full of amazing plant and tree life, ranging from ancient Oak and Ash trees to delicate flowers like Bluebells and anemones. Can you identify them? What is the difference between an Ash and Oak tree, for example?
- What is the most common tree in your local area/park? Is it oaks? Ash trees? Limes?
- Thanks to lockdown, our parks and streets are now full of wildlife that we might not normally see in such areas. What can you find? Have you seen any of our deer species? Chinese Water deer are very common, as are Muntjac – have you seen any?

Humanities and the world around us

Geography:

Listen

- Can we eat our way out of climate change? <https://www.bbc.co.uk/programmes/w3cswqtg>
- Why is cape town running out of water? <https://www.bbc.co.uk/programmes/w3csvgvq>
- Could we ban the sale of petrol and diesel cars now? <https://www.bbc.co.uk/programmes/w3csv1c0>
- How do we stop people dying in floods? <https://www.bbc.co.uk/programmes/w3csvg1by>
- Can we earthquake proof a city? <https://www.bbc.co.uk/programmes/p03mqhzy>
- Disasters - <https://www.bbc.co.uk/programmes/m000b0c7>
- Antarctica - <https://www.bbc.co.uk/programmes/b00ss2th>
- Vulconology - <https://www.bbc.co.uk/programmes/p005490h>
- 50 things – The i phone - <https://www.bbc.co.uk/programmes/p04hzym5>
- Building a city for an aging population - <https://www.bbc.co.uk/programmes/p06rjn15>

Read

Tectonic time bomb in California - <https://www.latimes.com/california/story/2019-12-17/tectonic-time-bomb-maps-show-where-massive-california-earthquakes-cause-the-most-shaking-and-destruction>

The woman who found Earth's inner core - <https://daily.jstor.org/the-woman-who-found-the-earths-inner-core/>

What controls the height of mountain? <https://www.sciencedaily.com/releases/2020/06/200611094140.htm>

Neom: a megacity in the desert, is it possible? <https://www.businessinsider.com/neom-what-we-know-saudi-arabia-500bn-mega-city-2019-9?r=US&IR=T>

History:

To develop your wider historical understanding, your historical vocabulary and your literacy skills you could:

Watch - <https://www.bbc.co.uk/teach/ks3-history/zhbdpg8> This will take you to a collection of short video clips which cover a range of historical topics and issues. You could review some of this year's learning and/or explore some areas new to you.

- See how many historical eras you can 'tick off' by watching selected films/documentaries/video clips. Can you watch them in chronological order? You could identify the biggest changes over time as you go.

READ - Read some historical fiction – either linked to an era/person we have studied so far, or to explore an era that is new to you. This is a great list: <https://www.history.org.uk/secondary/news/3700/historical-fiction-list>

- Select a historical topic or issue that you enjoy and research what at least two different historians have said about it. Have ideas about the topic changed over time? (Just as an example - what have historians written about *Empire*?)

WRITE - Create a story board showing how a famous discovery/invention/event came about. (Just as an example – Edward Jenner's vaccination against Smallpox).

- Write a precis (short summary) of one or more of the films/documentaries/video clips you watch. You could limit yourself to 100 or 200 words.
- Research an individual/event/issue/era and then summarise your learning in a diagram. Focus on identifying key points and making the learning clear for someone who knows nothing about it.

RS:

- Visit a place of worship (if social distancing allows) – this could be one local to you. What do you notice about it? Can you identify any of its key features?
- Take a virtual tour of places of worship from all over the country, like this Gurdwara in London - <https://my.matterport.com/show/?m=CugXaGcSLBw>
- This link provides images to a range of mosques around the world <http://www.3dmekanlar.com/en/3d-large-mosques.html> .
- YouTube also has lots of tours too, like this episode of 'Holy Cribs' which walks you through a Synagogue - <https://www.youtube.com/watch?v=nwPt4ev2VY> .
- Explore different types of music linked to religion and spirituality. Here are some ideas of Christian bands to get you started - <https://www.godtube.com/news/top-40-christian-contemporary-bands-of-today.html> . Why do you think the bands choose to make music about their religion? What words or messages stand out to you in their songs? Extension - can you find an example from every genre of music (yes - there are heavy-metal Christian bands).

Digital technology

- Following a tutorial of your choice, create an interactive scratch project and keep screen shots of your finished work. <https://scratch.mit.edu/projects/editor/?tutorial=getStarted>
- Take your coding to the next level by designing your own webpage, on a subject of your choice, following the guides here: <https://htmldog.com/guides/html/beginner/gettingstarted/>
- One key to success if fast and efficient touch typing, practice your skills and screenshot your top scores here: <https://www.typingclub.com/>
- Create all of the required media for an imaginary event of your choice (e.g concert, holiday, film, festival etc). Using Microsoft office create posters, leaflets, presentations, social media posts and

even a spreadsheet detailing all the costs/graphs for the event. The more detail you put into it, the more successful the event will be.

- In preparation for developing python programming next year, try and beat the bosses in this fun but challenging python coding adventure game: <https://codecombat.com/>

Being creative

- Create Illustrative animals in the style of Clare Young
- Create collaged landscapes in the style of Tracey English
- Experimental pages of Natural Forms, creating interesting backgrounds as well as foreground studies. Consider colours, marks and textures of the objects and represent them on the page.



- Watch recordings of live performances. Good places to access these are: National Theatre, Shakespeare's Globe, Royal Opera House, BBC iPlayer) See: https://www.whatsonstage.com/london-theatre/news/stage-shows-musicals-opera-free-stream-online_51198.html for a full list of providers.
- Write a script based on a topic of your choice, or adapt a book into a script.
- Find an article or photograph from the news and use it to create a story board for a play based on the events.

Keeping healthy over the summer

The NHS recommend that young people do a minimum of 60 minutes of moderate exercise a day, with a mixture of aerobic and strengthening exercises.

- Start the couch to 5k running initiative from the NHS - <https://www.nhs.uk/live-well/exercise/couch-to-5k-week-by-week/>
- There are 354 steps from the bottom to the top of the Statue of Liberty – can you climb the equivalent number of steps in one day?
- Make a ball out of a pairs of socks or a toilet roll and see how many keepy ups you can do in a row. Challenge the people you live with.
- Reportedly Mike Tyson used to perform 500 push ups a day and 2000 sit ups. How close can you get to this insane number?
- Burpee challenge....can you build up to and complete 50 burpees a day? Google it if you're not sure what it is.

Cooking and nutrition

With summer approaching, why not learn how to cook! Use the 'food a fact of life' website and click on the 11-14 tab to investigate where our food comes from and food commodities. You could then try some of the recipes from the site like:

- Turkey Burgers
- Bombay potato curry
- Pasta Fiorentina
- Mexican pockets
- Pizza wheels

Fancy a greater challenge? Why not visit the BBC Goodfood website and try to create one of their dishes? Homemade burgers will surely go down well as lockdown eases and family and friends begin to visit again

Staying safe over the summer

1. *Out and about*

- When going out, ensure that an adult knows where you are going, who with and when you will be back.
- Take your phone in case of emergency.
- Wear a helmet if you are riding a bike or a scooter and ensure that you have reflectors and adequate lights if riding at night.
- Avoid unfamiliar places or meeting up with unfamiliar people.
- Don't take or 'hold' anything for anybody else, unless you know what the item is and it is safe to do so.
- If you are approached by someone you don't know and they are unusually friendly, question this. It might be that they are just a nice person! Or it may be that they are not a nice person, but want you to think they are so to gain your trust.
- If somebody offers you 'gifts' or expensive items like phones, trainers etc and it seems too good to be true, then it probably is! You must question why somebody would do this and what they want in return!

2. *Being safe online*

- Do not meet with people you have met online and don't already know in real life – you never *really* know who you've been talking to.
- Be very cautious about adding people you don't know to your friends list/contacts.
- Ensure your social media privacy settings are turned on, for example enable 'ghost mode' in snapchat.
- Turn your location off to stop unwanted people knowing where you are.
- Think carefully before posting anything online – ask yourself, 'If my nan saw this what would her reaction be?' Laws apply online, just like in real life!
- You should report anything that concerns you to your parents and the police – if it can happen to you it can happen to anyone!
- Look at the school website for further information.

3. *Finding help*

- Children's social services at Bedford Borough – 01234 718700 + out of hours 0300 300 8123
- Bedfordshire Police non-emergency - 101
- NSPCC Childline 0800 1111
- Talk to family and friends
- Think you know – www.thinkuknow.co.uk
- CEOP – www.ceop.police.uk
- Don't be afraid – say something – 116 000
- Kidscape anti bullying – kiscap.org.uk
- Shout mental health counselling – www.giveusashout.org.uk
- Kooth mental health support – www.kooth.com
- You can use the 'Raise a concern' form on the homepage of the school website to raise any concern
- See the school website for further information relating to safeguarding and mental wellbeing