

Step up to Year 8 Summer Booklet



Wyvern St Edmund's
Learning Campus

Optional Tasks

FOR STUDENTS STARTING YEAR 8 IN SEPTEMBER 2020

Dear Year 8 Student,

We hope that you're as excited as we are about being at school in September. We cannot wait to have you back!

In the meantime, we want you to have a brilliant Summer holiday doing lots of the things you enjoy. It's really important to have a break, enjoy getting outdoors and see your family and friends if that's possible.

We thought you might also want to find out what you'll be learning in September and perhaps you might want to spend some time doing a little bit of work to help get ready for year 8 at Wyvern St Edmund's.

We've asked your new teachers to put together this booklet to help you prepare for year 8. It's filled with **optional** tasks that will give you a great foundation for your learning next year but it's entirely up to you how many of the tasks you do – none, some or lots!

What is most important is that you get time to relax and have fun. So, there's no pressure to complete the tasks, but just in case you wanted to do some work, or feel a bit bored over the holidays, these tasks will give you some insight and some extra knowledge about the year ahead at Wyvern St Edmund's.

Don't forget to bring any work that you complete in with you on your first day and remember to keep smiling!

See you in September,

The Teachers at Wyvern St Edmund's

Contents

There's a page for each subject you'll be studying next year which tells you what you'll be learning in September in that subject and two or three optional tasks you might want to do this Summer.

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Art and Design

What will we be doing in September?

We're going to be continuing to develop your Art skills through new and exciting projects. You will be collecting resources from the world around you and using these to refining your 2D and 3D abilities.

Optional Task

Record your summer through Art! Consider landscapes, views, objects that you see throughout the weeks and record them with a range of medium available to you, such as:

- Pencil
- Pen
- Paint
- Chalk
- Collage (newspaper, magazines etc)
- Photography etc.

Other things you might experiment with:

- Paper size
- Paper colour
- Mixing mediums in single outcomes
- Using photographs taken to create outcomes

Examples



Computer Science

What will we be doing in September?

We will be developing the skills you have learnt with HTML mark-up languages and learning how to design and code your own programs.

Optional Task 1

Typing.com

typing.com/join#5E7B55135D644

Doing a little bit of typing practice is the best way to learn – little and often. You will be amazed how fast and accurate your typing will be by September.

Optional Task 2

The Bebras challenges are made of a set of short problems called Bebras tasks and are delivered online. The tasks are fun, engaging and based on problems that Computer Scientists often meet and enjoy solving. The tasks can be solved without prior knowledge but instead require logical thinking. The aim is to solve as many as you can in the allotted time.

Challenges: https://challenge.bebas.uk/index.php?action=user_competitions

Answer booklets <http://www.bebas.uk/answer-booklets.html>

Dance

What will we be doing in September?

We're going to be building on your confidence through a range of creative dance tasks.

Optional Task 1

Select a dance style from the list below and complete a research project based on the chosen dance style (learn key movements of the style, create posters, create PowerPoints, create a presentation for your families/carers, create a performance).

Answer the following questions to support this project:

- What is your chosen dance style?
- Could you explain the dance style to someone who has never seen it before?
- Facts on the dance style, *for example, how did the dance style Street become popular? What influences have made Street become popular? What are the key dancers of the style Street?*
- Research on the dance style
- Key actions
- Any YouTube clips you have watched

Styles (*You can pick another style even if it is not listed...*)

- Contemporary
- Street dance
- Ballet
- Tap
- Tango
- Lindy hop
- Jazz
- Musical Theatre
- Parkour

Optional Task 2

Watch "The Greatest Dancer" series on BBC iPlayer

<https://www.bbc.co.uk/iplayer/episodes/p06tvw90/the-greatest-dancer>

Optional Task 3

Watch a range of "So You Think You Can Dance" clips on YouTube.

https://www.youtube.com/watch?v=zWvBdC_DkaM&list=PLnVoC5UywNhPfkCYKDwzF21Jw46FPdJMN

Design and Technology

What will we be doing in September?

DT: You will be introduced to the idea of a passive amplifier. You will be given the opportunity to discover how to make sound louder without electricity and use this information to create a prototype passive amplifier.

Textiles: You will be re-introduced to safety in the textiles workshop and use of sewing machine. You will explore a target market user and develop a design suited to this market for a snack themed zip up case

Catering: You will be looking at sustainability of food production, provenance of ingredients and the impact of food miles. Macro and Micro nutrients will be studied and how to plan a balanced

Optional Task 1

Have an old t-shirt lying around? Try tie-dyeing using natural dye from plants/fruit/veg flowers! <https://www.playfullearning.net/resource/all-natural-tie-dye-diy/>

Optional Task 2

We hear music all the time. Most of our music is on our phones, so we can easily turn on something to listen to while doing dishes, when we're outside playing, while showering and getting ready, etc.

However, even though the sound on our phones is pretty good.....it can only get so loud. Eat pringles? Could you make a DIY passive amp from an empty pringles can? Follow the link below. Adult supervision may be required.

<https://mashable.com/2012/10/22/diy-pringles-can-speaker/?europe=true>

Optional Task 3

Theo Michaels (Masterchef semi-finalist) is doing live cooking sessions students can follow on his Instagram @theocooks 4pm on mon/wed/fri. Ingredients will be posted the day before.

Drama

What will we be doing in September?

We're going to start the year by adding even more Drama skills into your toolkit. We'll be focusing mainly on rehearsal techniques that actors and directors use to get inside the heads of the characters so they can 'become' them in performance. Also we'll be looking at techniques to explore scenes and experiment with the characters we play.

Optional Task 1

Go to '**BBC Bitesize GCSE Drama Explorative Strategies**' read through the 8 pages and watch the videos on each page. Complete the test at the end to see what you have picked up.

Optional Task 2

Watch a live theatre performance online. Many theatres are streaming live performances online for you to experience in the comfort of your own homes- look on the websites of the following theatre companies and pick something you'd like!

- The National Theatre
- Royal Shakespeare Company
- The Gate
- The Bush
- The Globe Theatre
- Bristol Old Vic

We recommend the Bristol Old Vic Young Company's re-imagining of Hans Christian Anderson's 'The Tinderbox' <https://bristololdvic.org.uk/at-home/family-arts-hub/the-tinderbox>

English

What will we be doing in September?

We're going to be studying one of Shakespeare's most famous plays: 'Romeo and Juliet'. It's a story about two young people, not much older than you, who fall in love at first sight. There's a problem, though, their families have been fighting for decades.

You'll be learning about Shakespeare's craft (his use of language, themes and characters) as well as what makes a tragedy. We'll also be building on what you learnt in year 7 about writing effective descriptions, stories, speeches and articles.

Optional Task 1

Lots of fantastic content that you wouldn't normally be able to see for free has now been made available on YouTube. This includes the Royal Ballet's performance of Romeo and Juliet. What a brilliant opportunity to see a ballet performance of Shakespeare's play.

Watch the ballet and see how it makes you feel. The story is being told through dance and not words – do you understand what's happening? We'd love you to tell us your thoughts when we're back in school.

<https://www.youtube.com/watch?v=M8igolhGEGQ>

Optional Task 2

From the 6th – 10th of July, Cressida Cowell organised a Creativity Summer Camp to encourage young writers (and illustrators). Have a look in particular at the Writing Day videos and see what stories they inspire you to write.

<https://www.booktrust.org.uk/what-we-do/childrens-laureate/>

Now's the chance to write about whatever you fancy! We can't wait to see what writing you do.

Optional Task 3

During lockdown, some famous people took it in turns to read J K Rowling's 'Harry Potter and the Philosopher's Stone'. It's a great book and it's told brilliantly by people including Daniel Radcliffe, Noma Dumezweni, Eddie Redmayne and even David Beckham!

You can watch the first chapter, here: <https://www.wizardingworld.com/chapters/reading-the-boy-who-lived>

French

What will we be doing in September?

We're going to be talking about our holidays and free-time activities. We will learn how to use the past tense in French and practise using it in a variety of situations.

Optional Task 1

Vocabulary is a really important part of feeling confident in using your French. Over the summer you could continue to use www.memrise.com to consolidate vocabulary we have already learnt and to learn new vocabulary.

[Please note you do NOT have to pay for memrise – it may try and prompt you, but the free version is the best to use]

Optional Task 2

Why not log on to www.language-gym.com? This has a variety of activities that will help you to revise and practise both your vocabulary AND grammar. You should have signed up to Language Gym over the last few weeks. In 'The Games Room' you can select a variety of different activities; from verb trainers to boxing or climbing games.

[Please note that The Language Gym will not work during the last week of the school holiday, due to a change in server]

Optional Task 3

The Language Immersion challenge is a great way to practise your language skills in other contexts...and depending on how many tasks you complete, you could end up with either a bronze, silver or gold certificate. The challenge booklet is available on the school website. You will need to either print a copy of the booklet or complete it online and be ready to email it to us in September.

Geography

What will we be doing in September?

We're going to be starting with rivers features and river management in terms 1 and 2.

Optional Task 1

Rivers of the world: Choose a river to write a fact file about – Length, location, major cities, industry, species etc.

Optional Task 2

Get to know countries, capitals, oceans, continents and much more – 2 possible sites:

<https://www.jetpunk.com/quizzes/how-many-countries-can-you-name>

<https://online.seterra.com>

Optional Task 3

Wider Geography is a free, new project developed by Internet Geography to encourage young people to engage in Geography in a fun way. Wider Geography aims to foster a love of Geography through challenging young people to try new experiences that will broaden their geographical horizons. Through its six themes, Wider Geography has something for geographers from primary age to 6th form. The 6 main themes are:

- [wider READING](#)
- [wider LISTENING](#)
- [wider WATCHING](#)
- [wider LEARNING](#)
- [wider TECHNOLOGY](#)
- [wider EXPLORING](#)

Each theme recommends activities for you to try out.

Wider Geography Summer Challenge

Internet Geography has launched the Wider Geography Summer Challenge. We are inviting Wyvern St Edmunds students to participate in the Wider Geography Summer Challenge. The challenge involves students experiencing a range of Wider Geography activities over the summer holidays. Record your experiences on the table on the back of the [wider GEOGRAPHY Summer Challenge flyer](#). You can then [submit a 400-word overview of their experience of the Wider Geography Summer Challenge](#). Three winners will be chosen from the submissions. Each winner will receive prizes including a £30 Amazon voucher.

History

What will we be doing in September?

We're going to be studying the Tudors. This was the family that ruled England between 1485 and 1603, and included such famous monarchs such as Henry VIII and Elizabeth I. I'm sure you've all heard of Henry VIII - he is famous for having six wives but he is important because he changed the church in England; this is called the Reformation. Elizabeth I, his daughter, is well-known for being a strong female ruler; she ruled England for nearly 45 years and many exciting and interesting things happened during her long reign such as the Spanish Armada in 1588, when Spain tried to invade England, and many plots to try to get rid of her - one of which led to the execution of Mary Queen of Scots, which you may well have heard about!

It's a very interesting period of time and there lots of amazing events to learn about so, if you feel like doing some work in preparation over the summer holidays, have a go at some of the suggested tasks below.

Optional Task 1

Try to find out the names of all the Tudor monarchs (kings and queens). Find out when they ruled, the names of their husbands and wives, (remember Henry VIII had six!) and how many children they had; if you want you can have a go at making a family tree.

You can include a picture of the Tudor Rose - see if you can find one to copy.

Optional Task 2

Once you have found out about the royal family, see if you can find out about ordinary people. For example, what were people's homes like? What did people eat? What did people wear? How did people get around? What was the main religion? How many people lived in Britain? What jobs did they do? Is there anything else you can discover? Then make a fact file about them, include plenty of pictures or drawings about your discoveries.

Optional Task 3

There are loads of videos on You Tube about this period of history, especially the 'Horrible Histories' series, have a look through and watch a few of them.

If you and your family feel like getting out and about over the summer holidays you could always visit the Mary Rose in Portsmouth which is Henry VIII's flag ship, or Longleat which is a wonderful Elizabethan house, as well as having the added bonus of a safari park in the garden! Or if you want to stay nearer to home you could walk around Salisbury and try to identify some Tudor houses, there aren't very many, so you'll have to look hard!

Have a good summer and have fun finding out about the Tudors!

Maths

What will we be doing in September?

We're going to be looking at how to manipulate numbers, specifically percentages. What are the most efficient ways of calculating percentages? Can you calculate the value of savings invested for 7 years at an interest rate of 3.25%?

We are also going to be looking at how to write very very large and very very small numbers in standard form in order to complete complex calculations. What is a Googleplex?

Optional Task 1

Knowing your times tables is really important and will help you work quickly and confidently in lots of different areas of Maths.

Practising your times tables is important. Use the times tables grids. You could time yourself and try and improve your score or you could get people to test you. If you struggle with your times tables then just pick a 1 or 2 to practise.

Optional Task 2

Circles are interesting shapes, they are not polygons (not constructed from straight edges) and they have many features. Using the Circle knowledge organiser to learn all the different features of a circle and the key formula. Focus on "Parts of a Circle", "Key Vocabulary" and the first 2 formulae under "Circles".

Optional Task 3

Your Hegarty account will remain active throughout the holidays. You can carry on with any topics that we have already started. Is there a topic you particularly enjoyed or need to practise further? Maybe there is a topic that you wish to extend – the choice is yours!

Music

What will we be doing in September?

We're going to be looking at how music is used in times of challenge in the world. We will learn that music is so often used as a tool for expression at difficult times and look to the past and present for musical inspiration. You will learn a piece of music that has been used for years at a particular event and how music plays such a vital role in public life.

Optional Task 1

Think about a special occasion you have been to in the past. What music was being played when you were there? Why do you think the choice of music is so important at a special event? Plan a special event for yourself. It could be a birthday party, a family wedding or anything else you like. What music would you choose for this occasion and why? Make a play list for this event and think about your choices. It would be great to share these together when we get back to school.

Optional Task 2

Write yourself a piece of music for a special occasion. You might want to write a song for someone special or a piece of music for the keyboard. Come up with some lyrics for your song and if you have an instrument at home you could try and work out a melody or even some chords. Write down your ideas however you like or do a recording of yourself singing/playing it. It would be amazing to share some if these when we get back together.

Optional Task 3

Interview someone in your family about their favourite music. Is your Granny a secret heavy metal fan or is your Uncle into classical music? Everyone is different and we all enjoy different music. Ask them to play you something they enjoy and discuss it together. Play them something you like to listen to and explain to them why you enjoy it. Have a friendly debate with your family about musical choices.

Physical Education

What will we be doing in September?

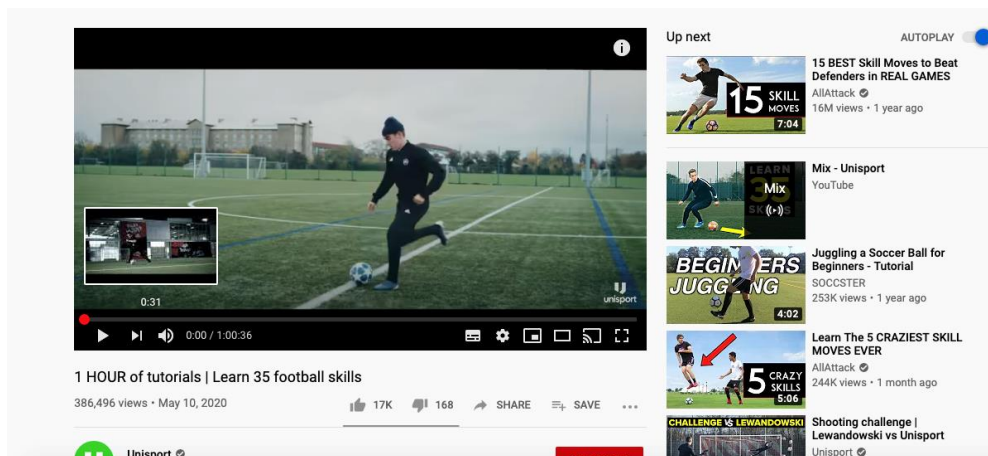
You will set up some of your own skill practices for different activities. This might be in football, netball, rugby or gymnastics. Therefore, we would like you to start thinking about how to set these up and conduct them with small groups. What equipment you might need? How long should they last for? Which skill are you looking to practise? This will help your PE teacher set up the main activity whilst you can get on with your own mini drills.

Optional Task 1

Create a small skill practice that you could do with your fellow pupils. Choose what sport your skill practice is for? (i.e Football dribbling) then you can draw out a diagram of how you are going to run the activity? Also include what 'Teaching points' you want to learn from the drill.

Optional Task 2

Watch some examples of Skill practice drills on 'You tube' there are 100s you can find? In order to gain some ideas?



PSHE

What will we be doing in September?

We're going to be understanding the vital importance of First Aid as a lifesaving skill and how to perform first aid including: CPR, the use of defibrillators, choking and basic treatment for common injuries. As well discussing positive wellbeing, hygiene and puberty.

Optional Task 1

Dorset & Wiltshire Fire and Rescue Service have created a vibrant, interactive workbook for KS3&4 students to complete at home: **Road Safety in the UK During and After Covid 19**. There are four modules to complete. It encompasses elements from the Health and Wellbeing, Relationships and Living in the Wider world topics we cover in PSHE. The quiz uses Microsoft forms and the results be sent to them and feedback given to me. There is also mental health exercises embedded and ways to help you interact with the people you live with.

<https://www.dwfire.org.uk/education/road-safety-education/>

Optional Task 2

Have a look at some of these websites over the summer:

<https://youngminds.org.uk/>

<http://www.ukyouthparliament.org.uk/> (In case this has inspired you to become a budding politician!)

<https://www.childline.org.uk>

<https://riseabove.org.uk/article/life-swap-dealing-with-change/>

<https://www.saferinternet.org.uk/advice-centre/young-people/resources-11-19s>

Romantic relationships – <https://www.bbc.co.uk/bitesize/articles/z77y382>

Friendships - <https://www.bbc.co.uk/cbbc/curations/lifebabble-guide-to-friendship>

Optional Task 3

Using all of the information on positive wellbeing, healthy eating, growth mindset- create a 'Welcome to Wyvern St Edmund's leaflet for a new year y7 with lots of helpful tips and information about how to make the most of the experience. Bring them in when you come back and I will make sure year 7 get them.

Religious Studies

What will we be doing in September?

In September we will be moving on to Judaism. You all have a good understanding of Christianity now and so we need to understand where Christianity stemmed from. With Judaism being the original of the three Abrahamic religions it is full of rich history.

We will look at the religious beliefs of Jewish people and the concept and nature of God within the religion. We will also look at the practices of the Jewish community and some of their main festivals. As always, we will make it as interesting and engaging as possible.

Optional Task 1

Jewish Museum London

The Jewish Museum London's online exhibition, Jewish Britain: A History in 50 Objects, showcases highlights from their collection. Explore themes such as Charity & Welfare, Family & Home Life, Kindertransport and more. The exhibition is free to view online and offers explanations of objects to learn more about their historical context.

https://jewishmuseum.org.uk/schools/curriculum/judaism/?sft_jm_asset_keystage=key-stage-3

Optional Task 2

Take a virtual tour of a Synagogue by watching Holy Cribs on YouTube:

<https://www.youtube.com/watch?v=nwPti4ev2VY>

Optional Task 3

Make Purim Cookies...

Find out the meaning of Purim and the cookies here:

<https://www.youtube.com/watch?v=cbKfB5E6sAA>

Find a recipe here:

<https://www.thespruceeats.com/jewish-hamantaschen-cookies-recipe-1136141>

Science

What will we be doing in September?

Working through Biology topics looking at the human body, Chemistry topics exploring reactions and properties of materials and Physics topics including energy resources and the world around us.

Optional Task 1

Using your KS3 revision guide, work through the summary questions using the revision guide to find the answers on the following topics:

- Cells and respiration p5
- Humans as organisms P18
- Classifying Materials P47
- Chemical changes P58
- Energy and matter P76
- Forces and motion P85

Optional Task 2

Visit the natural history museum virtual tours: Follow the link below...

<https://www.nhm.ac.uk/visit/virtual-museum.html>

There are 13 key areas to visit. Visit as many times as you wish. There are also virtual expeditions to explore. We would encourage you to look at these, just because they are very interesting for students with a love of Science. The virtual expedition in the Antarctic will give an insight into the changing climate, a topic that you will cover in year 8, and a topic that is relevant to the global climate crisis that we are in.

<https://www.nhm.ac.uk/discover/360-panorama-of-antarctica.html>

Take your time with the visits, you can always go back and visit again. As with normal museums, when you return there is always something new to look at and learn about.

Spanish

What will we be doing in September?

We're going to be talking about our holidays and free-time activities. We will learn how to use the past tense in Spanish and practise using it in a variety of situations.

Optional Task 1

Vocabulary is a really important part of feeling confident in using your Spanish. Over the summer you could continue to use www.memrise.com to consolidate vocabulary we have already learnt and to learn new vocabulary.

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