

# Step up to Year 11 Summer Booklet



Wyvern St Edmund's  
Learning Campus

## Optional Tasks

FOR STUDENTS STARTING YEAR 11 IN SEPTEMBER 2020

Dear Year 11 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 11 at Wyvern St Edmund's.

We've asked your new teachers to put together this booklet to help you prepare for year 11. 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.

**Page 4** – Art and Design

**Page 5** – Computer Science

**Page 6** – Catering

**Page 7** – Dance

**Page 8** – Design and Technology

**Page 9** – Drama

**Page 10** – English

**Page 11** – French

**Page 12** – Geography

**Page 13** – Health and Social Care

**Page 14** – History

**Page 15** – Maths

**Page 16** – Music

**Page 17** – PE

**Page 19** – PSHE

**Page 20** – Science

**Page 21** – Spanish

# GCSE Art and Design

## What will we be doing in September?

We are going to be well into your independent projects and completing these to a high standard! You will be given an opportunity to develop a further project to really showcase your skills in Art and Design.

## 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



# GCSE Catering

## What will we be doing in September?

We're going to be Preparing for the NEA.

You will learn the importance of nutrition in planning menus. In practical lessons you will continue to focus on using distinction level preparation skills and presentation techniques.

### Optional Task 1

Great to support understanding the role of the environmental health inspector and standards expected. Lots of episodes on Youtube – make notes on what they check for in the restaurants – what is it that the restaurants are doing incorrectly? How could they correct their mistakes?

[https://www.youtube.com/results?search\\_query=food+inspectors](https://www.youtube.com/results?search_query=food+inspectors)

### Optional Task 2

Cook! cook! cook! Take every opportunity to cook dishes – challenge yourself try new things, pastry, pasta, fish, meat, sauces. Enjoy baking cakes but don't only bake cakes – challenge yourself to something new!!

### Optional Task 3

Focus on completing all the tasks set during the last 6 weeks and to keep the information in a folder until September.

# Computer Science

## What will we be doing in September?

We will be learning about designing and coding robust programs, and preparing for the Non-Examined Assessment Python project. Learning how to code in Python is something you should be improving your skills on.

### Optional Task 1

Stanford's CS 101 class taught by Nick Parlante (FREE!). CS101 teaches the essential ideas of Computer Science for a zero-prior-experience audience. Play and experiment with short bits of code to bring to life to the power and limitations of computers.

<https://online.stanford.edu/courses/soe-yccscs101-sp-computer-science-101>

### Optional Task 2

In this course, you'll learn the fundamentals of the Python programming language, along with programming best practices. You'll learn to represent and store data using Python data types and variables, and use conditionals and loops to control the flow of your programs.

<https://www.udacity.com/course/introduction-to-python--ud1110#>

### Optional Task 3

<https://www.edx.org/course/cs50s-introduction-to-computer-science>

A broad and robust understanding of computer science and programming

- How to think algorithmically and solve programming problems efficiently
- Concepts like abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development
- Familiarity in a number of languages, including C, Python, SQL, and JavaScript

# GCSE & BTEC Dance

## What will we be doing in September?

GCSE Dance Students will be developing their confidence on the solo Set Phrases. Students may have an opportunity to build confidence on their choreography skills as well.

BTEC Dance Students will be working towards completing their component 1 course-work. As well as building confidence in the dance space.

## GCSE Dance Optional Task

Create revision notes for the 6 different dance set works.

## BTEC Dance Optional Task

Create an Educational Pack for either Contemporary or Urban dance.

## Optional Tasks for all

Question: You are creating a trio dance based on the following starting point/stimulus:

*“Double, double toll and trouble”.*

Write down how would you choreograph a dance to this stimulus using three dancers.

Consider the choreographic intention, mood, dance style, action content, dynamics, motifs and motif development, how you would structure the work and the choreographic devices.

## Optional Task

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

[https://www.youtube.com/watch?v=zWvBdC\\_DkaM&list=PLnVoC5UywNhpfkCYKDwzF21Jw46FPdJMN](https://www.youtube.com/watch?v=zWvBdC_DkaM&list=PLnVoC5UywNhpfkCYKDwzF21Jw46FPdJMN)

# GCSE Design and Technology

## What will we be doing in September?

Continuing with our GCSE Non Examined Assessment

### Optional Task 1

Use Seneca Class Code 8dvflq3s8 to practice and revise exam content.

Edexcel Design & Technology

### Optional Task 2

Practice your modelling skills. Have a go at sketching some ideas and making a model, from any material, card paper, whatever you have. Make sure you take a photograph.

Techsoft 2d Design have given students free use of 2D design. To use this, visit:

<https://www.techsoft.co.uk/adverts/coronavirus-covid-19-student-request>

Tutorials are available at <https://www.the-warren.org/2DDesign/2DDesigtutorials.html>



# GCSE Drama

## What will we be doing in September?

We're going to be launching into your new and improved, socially distanced **devised performances**. We aim to have them fully rehearsed, teched, and performed by the end of Term 1. Get thinking about how you can adapt your pieces and dust off and practice those scenes!

### Optional Task 1

Watch a live theatre performance(s) 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

### Optional Task 2

Trawl Youtube for GCSE drama scripted performances looking for ideas on scripts you'd like to perform- particularly monologues- as well as noting down techniques and tricks you can steal for your own pieces.

Look up 1927 and DVB Theatre Companies and see how they integrate projection and multimedia into live performance to amazing effect! It could be you...

# GCSE English Literature

## What will we be doing in September?

We'll start our study of one of Shakespeare's most bloody plays: Macbeth. It's a story about a man so full of ambition and obsessed with power that he's willing to remove anything that stands in his way: friends, women and children. It's also a story about witches, guilt and insanity. We think you're going to love it!

We'll also begin our study of a collection of poetry about 'Power and Conflict'.

### Optional Task 1

Watch this short video about the elements of a Shakespearean tragedy. Pick out the key elements and do some research into each of them so you understand each element. You could choose to create a Knowledge Organiser or mindmap – it'll be a really useful resource for you next year as we study the text.

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

### Optional Task 2

Learn about the Globe Theatre – the place where Shakespeare's plays were performed during his lifetime (and where he acted himself). Create a set of Cornell Notes on what you learn.

<https://www.youtube.com/watch?v=95ec5xtt6Hs>

### Optional Task 3

Look at the Poetic Methods Knowledge Organiser (available on the school website). Some of the terms will be new to you and some will be very familiar. Begin self-quizzing on so that you know what the terms are.

# GCSE French

## What will we be doing in September?

We're going to be consolidating our home learning about holidays and continuing to practise grammar.

### 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](http://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]

Or why not log on to [www.language-gym.com](http://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 2

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.

### Optional Task 3

The PiXL independent Learning Booklet for GCSE French is available on the school website – this has lots of revision for French grammar. There are links which will take you to explanations for different grammar points and there are plenty of activities to work your way through.

# GCSE Geography

## What will we be doing in September?

You will continue with the GCSE course and consolidate the topic of Ecosystems in term 1.

### Optional Task 1

All the topics are covered here – go through Year 10 ones and if you have time go through the remaining topics we will study in Year 11:

<https://www.bbc.co.uk/bitesize/examspecs/ztp2qty>

### Optional Task 2

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.

### Optional Task 3

Choose a topic and select all the key words to create a word cloud.

<http://www.wordle.net/>

# GCSE Health and Social Care

## What will we be doing in September?

We're going to be giving a description of the ageing process and including examples to discuss the effects on all areas of development.

Providing an explanation of how a person's role in life changes and explaining our thoughts.

## Optional Task 1

Interview someone in older adulthood about how they feel about the ageing process. How has it affected them Physically, Intellectually, Emotionally and Socially?

Can they identify any positives about ageing?

Make the interview as detailed as possible, don't ask closed questions, for example don't ask, do you like getting older? as the response can just be yes or no. Instead ask, what has been a good thing about getting older? or What has been the hardest thing about getting older?

Write up your findings.

## Optional Task 2

Have a look at these websites, make a note of anything in particular that you find interesting, informative or amusing!

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

<https://www.youtube.com/watch?v=9AThycGCakk>

[https://www.ageuk.org.uk/globalassets/age-uk/documents/reports-and-publications/late\\_life\\_uk\\_factsheet.pdf?dtrk=true](https://www.ageuk.org.uk/globalassets/age-uk/documents/reports-and-publications/late_life_uk_factsheet.pdf?dtrk=true)

<https://www.gov.uk/government/publications/better-mental-health-jsna-toolkit/7-living-well-in-older-years>

# GCSE History

## What will we be doing in September?

We are going to be moving on from our study of Elizabeth I to look at the incredible changes which took place in Germany between World War One and World War Two. We will study the attempts to build a democracy in Germany after the First World War, and the reasons why that democracy eventually collapsed and was replaced by Hitler and the Nazi Party.

### Optional Task 1

You might choose to watch a film which features aspects of life in Nazi Germany. Please be aware some of these films do have adult themes and/or language. Here are a few suggestions:

- The Book Thief by Markus Zusack
- The Boy in the Striped Pyjamas by John Boyne
- Alone in Berlin by Hans Fallada
- Goodbye to Berlin by Christopher Isherwood
- Fatherland by Robert Harris

### Optional Task 2

You could watch this dramatisation of Hitler's rise to power. It is two feature length episodes which tell the story of Hitler's early life and his gradual take over of Germany up to 1933.

Hitler: The Rise of Evil

Part 1: [https://www.youtube.com/watch?v=yMVy8\\_98I-o](https://www.youtube.com/watch?v=yMVy8_98I-o)

Part 2: <https://www.youtube.com/watch?v=GrLK3iY4xb8>

### Optional Task 3

You might choose to watch a film which features aspects of life in Nazi Germany. Please be aware some of these films do have adult themes and/or language. Here are a few suggestions:

- Downfall
- Sophie Scholl: The Final Days
- Sound of Music
- The Pianist
- The Book Thief
- Conspiracy

# GCSE Maths

## What will we be doing in September?

If you are on the foundation tier we are going to be starting off with loci, bearings and constructions. These are skills used a lot in design work and planning (housing estates) and navigation.

If you are on the Higher/Crossover tier then we will be looking at multiplicative reasoning (speed, pressure, density) growth and decay (how investments are calculated).

All tiers will also be practising exam techniques leading up to an assessment in November.

### Optional Task 1

Use the Hegarty Checklist to RAG (Red, Amber, Green) the topics we have already completed and which ones you need to focus on. If you are unsure whether you are Higher or Foundation then use the Crossover checklist.

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!

### Optional Task 2

There are a lot of formulae to learn in preparation for your GCSE Maths examination. Use the formulae sheet and/or the formulae bunting\* attached to learn these formulae. If you are unsure which tier you are on them please just work on the foundation tier formulae first. Practise writing them down without looking or get someone to test you.

\*Formulae written in red is for higher tier only

### Optional Task 3

There are lots of good websites available with revision material on. The best way to revise Maths is little and often. Pick a topic you need to practise and find a preferred website/online platform/revision guide and work through it. Some useful websites are:

- [www.corbettmaths.com](http://www.corbettmaths.com) good for topic practice
- [www.mathsgenie.co.uk](http://www.mathsgenie.co.uk) good for topic practice
- [www.mathsmadeeasy.co.uk](http://www.mathsmadeeasy.co.uk) good for past papers
- [www.piximaths.co.uk/revision-booklets](http://www.piximaths.co.uk/revision-booklets)

Be mindful of the environment if printing as these are 80 pages!

# GCSE Music

## **What will we be doing in September?**

Learning how to compose a piece of music of your choice. We will work together on some practice composition tasks, learn how to use Sibelius our music software package and begin to sketch ideas out for your own choice of composition. You will also have time to work together to perform your own pieces of music and continue working towards the skills needed for the listening paper.

### **Optional Task 1**

Continue to practice as much as you can. This might mean dusting off your instrument, tuning it up again and giving it a go. Some of you have been working extremely hard and I can't wait to hear the progress you have made.

### **Optional Task 2**

Experiment with new composition ideas. You might come up with a really good melody or chord structure just by playing around with your instrument. Write down or record anything you come up with and it could be the inspiration for your next composition.

### **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.



# Cambridge National Physical Education

## What will we be doing in September?

We will be taking a look back at the work covered during lockdown and addressing any problems or misconceptions. During this time, we will look at exam questions on the topics covered.

Following this, Year 10 and 11 classes will be following an interleaving curriculum whereby they will cover two units at the same time. This is RO56 outdoor pursuits and RO51 contemporary issues in sport.

## Optional Task 1

Below is a link to Specimen Exam Papers and the Mark Schemes produced by OCR Cambridge National Sports Studies and can be found on this website:

<https://www.ocr.org.uk/qualifications/cambridge-nationals/sport-studies-level-1-2-j803-j813/assessment/>

You need to click on 'question papers, mark schemes and reports' drop-down tab and it will give you access to all the exam paper material. You are free to do which ever exam paper over the summer.

Answer the exam paper in 1 of 3 ways:

1. In 'exam conditions'; complete the paper and then use the mark scheme to mark it to find out how you did.
2. Read the mark scheme for each question and then answer the question without looking at the mark scheme again. You will then check your answer against the mark scheme.
3. Complete each question using the mark scheme to create the perfect answer for each question.

## Optional Task 2

Research an outdoor adventurous activity. The activity you choose could be any one of the following: climbing, abseiling, camping, a snow sport or caving. Answer the following questions about your activity.

### ACTIVITY – What activity are you going to plan for people to do?

- i) How many in your group? How many females? How many males? Approximate age? (You must keep in mind that some activities are limited to numbers. For example, don't plan for 30 in your group if the activity can only have a maximum of 12 people participating).
- ii) What is the activity you will be planning for?
- iii) Where will this activity take place? What venue? Location?
- iv) When will it take place? Give a date. Will it be a date in spring, summer, autumn or winter? Think about the temperatures if it's going to be a water sport activity.

# GCSE PE

## What will we be doing in September?

We will be taking a look back at the work covered during lockdown and addressing any problems or misconceptions. During this time we will look at exam questions on the topics covered.

Following this, Year 10 classes will start on the Health and Wellbeing unit and the Year 11 classes will move onto Aerobic and Anaerobic exercise and Short and Long term effects of exercise.

## Optional Task 1

Below is a link to Specimen Exam Papers and the Mark Schemes produced by AQA. They are split into Paper 1 and Paper 2 as you will sit two separate papers. Paper 1 is 'the human body and movement in physical activity and sport' and Paper 2 is 'Socio-cultural influences and well-being in physical activity and sport'.

You can find the June 2018 Paper 1 and 2 papers and feature at the top of the list of papers. To access the mark schemes you click on the word mark schemes on the left hand side of the screen.

<https://www.aqa.org.uk/subjects/physical-education/gcse/physical-education-8582/assessment-resources?f.Resource+type%7C6=Question+papers>

Your optional task is to complete the exam paper in 1 of 3 ways:

1. In 'exam conditions'; complete the paper and then use the mark scheme to mark it to find out how you did.
2. Read the mark scheme for each question and then answer the question without looking at the mark scheme again. You will then check your answer against the mark scheme.
3. Complete each question using the mark scheme to create the perfect answer for each question.

## Optional Task 2

Research fitness testing and complete each test. Within the Physical Training unit of work, we will be looking at why we use fitness tests, how they are carried out and how you can track your progress.

You should find out the most suitable method to test the following components of fitness: speed, agility, power, cardio-vascular endurance, muscular endurance, balance, flexibility, coordination and reaction time.

Using the protocol (method) for completing the test you should try to achieve your best score for each of these. During the summer you could try to improve on these scores.

# PSHE

## What will we be doing in September?

We're going to be recognising the characteristics and positive aspects of healthy one to one relationships which include mutual respect, consent, loyalty, trust, shared interests and friendship. As well as focusing on post-16 and wellbeing.

### Optional Task 1

Using the template on SMHW draft out a **Curriculum Vitae** – literally meaning 'an account of one's life', this essential document is a potential employers first impression of you on paper, summing up your education, skills and work experience to date. Also write a personal statement so you are ready to go in year 11 when thinking about applying for post 16 and apprenticeships.

### Optional Task 2

Having watched the news - think about all of the people identified as key workers. - Why are they so important to the country? How can we show care and appreciation to these people when this situation is over? How has the internet helped to solve this problem (and the difficulties that have arisen to – for example fake and mis-information. Is this a kind of virus to?) - How have different groups worked collaboratively (for example scientists, rival companies, politicians, the local council, volunteers) to overcome this problem? - Consider nominating someone for an award – for example the Diana Memorial Award (for a young person), local volunteer awards or a Royal Award/medal (addresses can be found online).

### Optional Task 3

Have a look at some of these websites and explore what we have learnt in PSHE and what we may be learning about in year 11:

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

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

<https://riseabove.org.uk/wall/>

<https://www.talktofrank.com/>

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

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

# GCSE Science

## What will we be doing in September?

Continuing your GCSE Science work on topics including Biology: Ecology, Chemistry: Rates of Chemical Reactions and Physics: Waves and Electromagnetism.

### Optional Task 1

Using your KS4 revision guide, work through the summary questions using the revision guide to find the answers on the following topics:

- Cell Biology P23
- Organisation P42
- Atomic structure and the Periodic table P111
- Bonding Structure and properties of matter P122
- Energy P178
- Electricity P190

### 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 many virtual tours at the Natural History Museum, please take time to look through as many as you can, and just like normal museums, you always spot something different on your return.

In particular look at the following link and find out about Charles Darwin...

<https://www.nhm.ac.uk/discover/charles-darwin-most-famous-biologist.html>

Charles Darwin is a scientist that we discuss and learn about in GCSE Biology.

# GCSE Spanish

## What will we be doing in September?

We're going to be consolidating our home learning about where we live and talking about different towns and cities. We are going to be continuing to practise grammar.

### 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](http://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]

Or why not log on to [www.language-gym.com](http://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 2

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.

### Optional Task 3

Available on the school website is the PiXL independent Learning Booklet for GCSE Spanish – this has lots of revision for Spanish grammar. There are links which will take you to explanations for different grammar points and there are plenty of activities to work your way through.