

PREPARING FOR YEAR 11

2019

2020



19th July 2019

Dear Student,

Did it feel like Year 10 went quickly? Well, Year 11 will begin very soon and the final months will seem to speed by. Before you know it, you will be sitting your GCSE examinations and preparing for the next steps of your life.

We want you to be fully prepared for the challenges of your final year and in this booklet you will find information on key dates in Year 11, advice on the choices available after your GCSEs and a series of activities to complete over the summer holidays. These will help you return in September well prepared for the busy year ahead.

All of you should be actively engaged in regular, focused study (in addition to working on the homework tasks your teachers set you). There is never 'nothing to do'. By this, we mean regular revisiting and revising of your examination topics in preparation for your final examinations. You will be tested on two and in some cases three years of learning; you really won't be able to cram that revision into a few weeks. The sooner you start, the more successful you will be.

By February, many of you will have applied for sixth form, college or apprenticeship places. Your predicted grades will be used to inform post-16 providers of what you are capable of. Make sure you are putting in 100% effort to ensure teachers are confident of you reaching your target grades. You won't get there without hard work.

We look forward to welcoming you back in September, ready to take on the challenges of your final year of GCSEs.

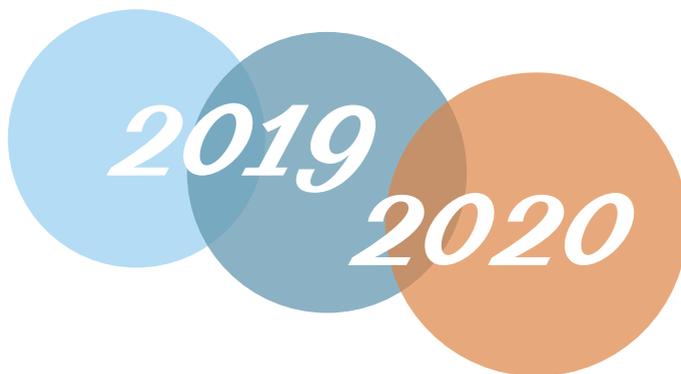
College Leaders



The image shows two handwritten signatures in black ink. The signature on the left is 'K Biddle' and the signature on the right is 'Cable'. Both are written in a cursive, handwritten style.

KEY DATES FOR YEAR 11

Return to school	Thursday 5th September
Revision support (selected students)	Tuesday 15th October
Sixth Form Open Evening	Thursday 24th October
First Review available on portal	Friday 25th October
Subject Consultation Evenings: <i>Napier and Trenchard</i> <i>Henning and Stratford</i>	Thursday 7th November Thursday 14th November
Mock exams Taster Day	Monday 9th - Friday 13th December Monday 16th December
Mock results	Friday 17th January
Second Review available on portal	Friday 7th February
Tutor Consultation Evening & revision support	Thursday 13th February
Core Mock exams	Monday 9th & Tuesday 10th March
Final Predicted & Potential on portal	Friday 3rd April
GCSE exams begin	Monday 11th May (provisional)
GCSE results day	Thursday 20th August



YOUR CHOICES AFTER YEAR 11

*You have a number of different options available to you.
Make sure you find out as much as you can about what each choice involves.
The earlier you start to apply, the better position you will be in.*

STUDY FULL-TIME

Schools, colleges and training providers offer a range of subjects and courses that you can study full-time.

SUBJECTS:

A levels and other subject-based qualifications like **International Baccalaureate (IB)** and **Cambridge Pre-U**. These are good if there are subjects you like and want to study further, or if you are planning to go to university. You normally need to have at least five GCSEs at grades A* to C (or an equivalent qualification) and may need at least a grade B in any specific subjects you want to study.

WORK AND JOB-RELATED COURSES:

NVQs, BTECs, TechBacs and **Cambridge Technicals** are good qualifications to take if you want to combine hands on, practical learning with studying subjects and technical skills. They are specialist courses which relate to particular jobs, sectors, or subject areas. Depending on what qualifications you take, you can go on to further education, training, or employment, or you can go to university.

APPRENTICESHIPS, TRAINEESHIPS & SUPPORTED INTERNSHIPS

You can also choose to train while you work by taking on an apprenticeship, traineeship or supported internship.

APPRENTICESHIP:

You work for an employer and train to do a specific job at the same time. There are over 280 types of **apprenticeship** for over 1,500 job roles – anything from engineering to boat-building, or veterinary nursing to accountancy.

TRAINEESHIP:

A **traineeship** gets you ready for work or for doing an apprenticeship. They last from six weeks to six months and provide essential work preparation training, literacy and numeracy skills and work experience to get an apprenticeship or other job.

SUPPORTED INTERNSHIP:

A **supported internship** is for students with learning difficulties or learning disabilities who want to get a job and need extra support to do this. They last for at least six months and are unpaid. You get work experience and an employer trains you to do a job role. You also get to study for qualifications or other courses to help you get ready to take up a job.

YOUR CHOICES AFTER YEAR 11

WORK OR VOLUNTEER WHILE STUDYING PART-TIME

You can combine training or studying for a qualification and work at the same time.

- It doesn't have to be a paid job, you can volunteer on a project or with a charity, or get a work experience placement in a career or job area that interests you.
- Colleges and training providers offer a wide range of training courses that are part-time, including A levels and work-related qualifications like BTECs or NVQs.
- Browse the different courses and qualifications on [UCAS Progress Search](#) and speak to the school, college or training provider to find out more.

USEFUL WEBSITES

School [Futures](#) website via the school portal

www.careerpilot.org.uk
www.allaboutcareers.com
www.successatschool.org
<https://icould.com>

www.brightknowledge.org/careers
<https://nationalcareersservice.direct.gov.uk>

www.informedchoices.ac.uk
download the Informed Choices booklet

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ATTENDANCE

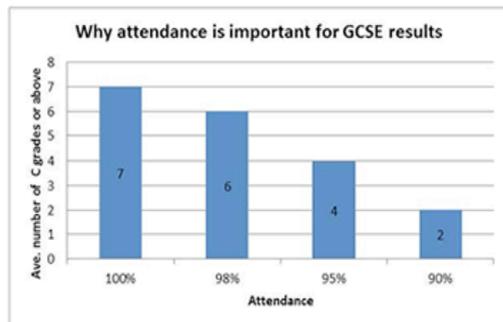


DID YOU KNOW?

Your son or daughter is more likely to achieve good grades at GCSE when they attend school.



The more they attend, the better the outcome.



SUMMER ACTIVITIES

Some straightforward activities to complete over the summer, so you return in September well-prepared and ready to learn.

SUBJECT

ACTIVITY

Product Design

In year 11 you will undertake a major NEA task worth 50% of your GCSE. You started this towards the end of year 10.

To help you get the best possible grade (essential):

- Complete the research, design brief, specification and initial idea sheets before you return in September.

To help you get the best possible grade (desirable):

- Visit a store/factory/museum that sells or makes products similar to something you want to make. Take photos and record your findings.
- Speak to an expert who makes products similar to what you want to make. Record what you learn.
- Visit a wood specialist such Yandles near Martock (or similar) to investigate the availability of materials and their costs. Look at other materials providers depending on what you intend to make. Take photos and record your findings. You can do a virtual visit by looking at their website(s)
- Make a model/series of models of your more promising design(s)
- Visit these websites
www.technologystudent.com
<https://www.bbc.com/bitesize/topics/znypkmn> - look at the investigating and designing sections only!
- Watch the following: Big Life Fix programme on the media server: three one hour programmes highlighting how good design and engineering can change peoples' lives.

SUMMER ACTIVITIES

SUBJECT

ACTIVITY

English

To help your regular revision:

- Re-read your literature texts.
- Make revision posters or revision cards for characters and themes. Include key quotations and learn them.
- Use your Year 10 revision passport to plan and/or write responses to either the language or the literature questions.

Theology & Ethics

- Look in the Humanities folder on the T Drive.
- Then look under Theology and Ethics folder.
- In the folder named Preparing for Year 11 Theology Task is an activity for you to complete over the holidays based on Buddhist Festivals.
- Please bring the completed task to your first Theology lesson in Year 11.

French German Spanish

- Log on to Memrise and revise the topics you have covered in year 10
- Complete some grammar exercises on languagesonline.org to consolidate your grammar
- Revise the units you have covered in year 10 in your revision guide
- Try to put your language into practise if you visit a French/German/Spanish speaking country this summer
- Watch a French/German/Spanish language film with English subtitles
- Explore some French/German/Spanish music on YouTube

Geography

- Watch "Don't Panic – How to End Poverty in 15 Years" (available on Media Server)
 - Watch "Dangerous Earth:Volcano" (available on Media Server)
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SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Science

In Year 11 you will study these topics, in addition to others:

Biology - Evolution

Chemistry - Chemical Analysis

Physics – Electromagnetism

To help prepare, make use of these resources:

- Read “A short history of nearly everything” by Bill Bryson.

Visit these websites:

- <http://www.nhm.ac.uk/discover.html>
- <http://www.amnh.org/explore/science-topics/nature-as-innovator>
- <https://www.nasa.gov/stee/forstudents/>

Have a go at these activities:

- *Making a water rocket*
<https://www.youtube.com/watch?v=GntvBYyIXLM>
- *Making a simple motor*
<https://www.youtube.com/watch?v=Q5YFhosQJ40>
- *Making antigravity drops*
<https://www.youtube.com/watch?v=PFG-WhBrlz4>

Will need to purchase some agar powder; easily available online.

SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Creative Media

- Download the Geocache app and go and find the hidden treasures around our beautiful Dorset countryside.
- Learn to fly a drone.
- Use a Go Pro and take it out cycling, horse riding, kayaking, paddle boarding, windsurfing etc. and post it to your friends via snapchat/Facebook or Instagram.
- Make a movie on your iPad or tablet.
- Use a fitness tracker or the pedometer on your phone and organise a competition amongst your friends on how many steps you can clock up in a day, week or month.

Art

- Make portraits in whatever media; we would recommend drawing people in action as often as possible. This could be family at home, people out and about but a really fun thing to do is coffee shop drawing. Take a small sketchbook and a few drawing tools and draw people in the café enjoying their coffee. The drawings should be really fast, probably just a few lines and suggestive. Students could look at the work of the "Urban Artists" for inspiration.
- Visit galleries as often as possible. Seeing art work first hand is so much better than in a book or online. Visit local galleries such as Sladers Yard or plan a trip to London.
- Keep a small sketchbook, A5 in size and record in it daily. It should be personal and will include drawings, photographs, articles and interesting text.

Drama

- Read DNA script
 - Watch Oresteid on Media Server
 - Final redraft of devising coursework
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SUMMER ACTIVITIES

SUBJECT

ACTIVITY

History

Books:

- Elizabeth I: A Study in Insecurity by Helen Castor
- 'The Time Traveller's Guide to Elizabethan England' by Ian Mortimer
- 'The Virgin's Lover' (2004) by Philippa Gregory (about Elizabeth becoming queen)
- 'The Other Queen' (2008) by Philippa Gregory (about Mary Queen of Scots)
- 'Rival Queens: The Betrayal of Mary, Queen of Scots' by Kate Williams
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TV/ Film:

- Watch TV comedy series 'Blackadder II' (Age rating: 15)
- Films: 'Shakespeare in Love'; 'Elizabeth' and the sequel, 'Elizabeth: The Golden Age'

Online activities:

- Rex Factor Podcasts on Elizabeth I
<https://rexfactor.podbean.com/2011/11/>

Food and Nutrition

- Watch a food related programme on TV catch up, either Eat Well for Less on BBC1 or Food Unwrapped on Channel 4. Any episode of either of these will be worthwhile.
- Research a cultural cuisine of your choice (Chinese, Indian, Mexican, Thai, Japanese, Italian).
- Find out about traditional ingredients, herbs and spices used, religious festivals, cooking methods and staple foods (bread, rice, pasta etc.). Present your work on an A4 document including colour and images
- Make a dish from a different cuisine that you have not made before
- Take a photo of your meal and show your teacher in year 11

SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Music

- Watch 'Queen: Earl's Court 1977' on YouTube
- Watch Star Wars Episode IV, V or VI
- Watch Lord of the Rings (listen to the music)
- Watch E.T., Raiders of the Lost Ark, Jaws or any other movie with a John Williams soundtrack.
- Go to see a musical.
- Go to see a Prom (tickets from £6).

Dance

For each of the six professional dance works that we have studied this year :

- Watch the work using the link on the T drive Performing Arts/ Dance/ GCSE/ Revision of Professional works (this has also been emailed to you)
- Before you watch the work, read the revision booklets for each.

Maths

- Complete the paper set by your class teacher
 - Use www.mathsgenie.co.uk for revision videos and exam level topic booklets
 - www.corbettmaths.com for videos, worksheets and '5-a-day' revision
 - Revision guides and workbooks are available from the department shop
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SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Physical Education

PE challenging questions

- Do you know the name and location of the major muscles of the body?
- Do you know the name and location of the major bones of the body?
- Why does our Heart Rate increase when we exercise?
- Why do we get out of breath when we exercise?

Writing tasks - 75 words:

- Out of the 10 components of fitness (Agility, Balance, Co-ordination, Power; Reaction Time, Speed, Muscular Strength, Muscular Endurance, Cardio Vascular Fitness, Flexibility) can you pick the most important 3 for your sport and write 75 words on why?
- What are you main influences of why you play the sports you do?
- Why do some athletes set themselves goals?
- How might an athlete adapt their diet to suit their sport?

Practical tasks:

- Play all three of your sport choices at some time through the summer.

Video to watch:

- Google 'Dwain Chambers talks Steroids' and watch the interview. Then answer these questions, why did he cheat? Who did he affect by cheating? Who influenced him? Who's fault was it?
- Google 'Sportsmanship, Gamesmanship, Breaking the rules' and watch the video on You tube. There are examples of each? Can you distinguish between the 3 types?

SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Business Studies

- Download GCSE Bitesize App.
 - Watch new series of Dragons Den (on BBC now or iPlayer)
 - Read business news items during the summer:
Find a business in the news for the wrong reason (i.e. poor PR)
Find a business in the news for the right reason (i.e. good PR)
Or:
 - Keep a weekly diary of business news and return with 6 news stories on different themes, e.g. marketing; recruitment; equal opportunities; H&S; pricing; location.
 - Read Richard Branson's "Screw it, let's do it".
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SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Health & Social Care

RO22 – Communicating & Working With Individuals
Year 10 – summer tasks to complete for new coursework starting in the Autumn on T drive – along with assignment and mark sheet.

<T:\Art & Design\Health and Social Care\OCR Cambridge Nationals level\SUMMER TASKS 2019>

- TASK: Produce 2 plans - a plan for a one-to-one interaction and a plan for a group interaction chosen from the case studies below.
- Write a script for each interaction you have planned.
- This will be your first draft of a plan for yourself and the other participants and any skills & materials you want to use during the practical assessment to support the communication.
- It should include the introduction, the main content and how you will wind down the communication. What skills will you need to show during the interaction. You would need to think about using appropriate methods of communication/body language and adapted language to meet the needs of people who use the services in the case study.
- There are 3 case studies to choose from: you can either choose just one case study and complete the communication practical based on the same client for the one-to-one and group interaction or choose a one-to-one from one case study, and a group interaction from another case study.
- The one-to-one and the group interaction should last for a minimum of 5 minutes and should take no more than 45 minutes.
- This will be best typed so that it can be altered and improved before the assessment. Be aware if hand written you are likely to need to improve it.
- Your plan should take into consideration the criteria for LO3 (given out before the summer).
- Also consider factors that can influence communication and how barriers could be minimised, for example, seating arrangements, lighting, ventilation, to include a plan showing the seating arrangements and explaining these.
- Assessment dates & practice lessons will be set in the Autumn term.

SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Textiles

- Look at the following website for a range of activities:
<http://www.julieboyd.co.uk/>
- Students can follow the textiles hot line link to complete the following activities:
- Techdoodle
- Enter the 2017 Product In A Tin competition
- Look under free resources for textile technique instructions. Complete some of these to add to your skills folder.
- Try one of the sewing project ideas or create a sketch book using the help sheet.
- Go to a library and look for books on fashion illustration. Use these to trace fashion poses onto plain paper and practice designing your own clothing range. Use a range of media such as crayons, felt tips, fine liners and water colours to create different effects

Electronics

- Watch the video tutorials BEFORE attempting each task.
https://www.youtube.com/playlist?list=PLJNF9dsTnBxmSv0TNvP6q_ieJAPO0w6S3
 - Download and install a copy of Circuit Wizard 3 Student Edition. System requirements Microsoft Windows XP or later (including Windows 10) (password = thsgenie)
<https://files.thomas-hardye.net/s/ra8ZFDrQBnKC46R>
 - Create a basic circuit with a battery, switch and lamp.
 - Create a circuit with a battery, switch and two lamps connected in series.
 - Create a circuit with a battery, switch and two lamps connected in parallel.
 - Create a circuit with a battery, switch, LED and protection resistor.
 - Create a PCB layout for the LED circuit.
 - *Optional task:* Create and program a circuit using a Genie 08 programmable microcontroller
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SUMMER ACTIVITIES

SUBJECT

ACTIVITY

Computing Code Academy (Python)

- This course is a great introduction to both fundamental programming concepts and the Python programming language. By the end, you'll be familiar with Python syntax and you'll be able to put into practice what you'll have learned.

<https://www.codecademy.com/learn/python>

W3Schools (SQL)

- SQL is a standard language for storing, manipulating and retrieving data in databases. This SQL tutorial will teach you how to use SQL in: MySQL, SQL Server, MS Access, Oracle, Sybase, Informix, Postgres, and other database systems.

<https://www.w3schools.com/SQL/default.asp>

OCR Coding Challenges

- Using Python as a programming language try to complete some of the coding challenges from the following booklets.

<http://www.ocr.org.uk/Images/202838-20-code-challenges.pdf>

<http://www.ocr.org.uk/Images/260930-coding-challenges-booklet.pdf>

Visit Bletchley Park & National Computer Museum

- Bletchley Park is the home of British code breaking and a birthplace of modern information technology. It played a major role in World War Two, producing secret intelligence which had a direct and profound influence on the outcome of the conflict.

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

- The National Museum of Computing, located on Bletchley Park, is an independent charity housing the world's largest collection of functional historic computers, including the rebuilt Colossus, the world's first electronic computer, and the WITCH, the world's oldest working digital computer.

<http://www.tnmoc.org/>

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