

TY moving online for our activities.



All of this can be incorporated and built in **Microsoft Sway**

Nothing has changed about what we hope to gain from the year. We will still be developing your skills in the three key areas.

1. Academic and Technical Skills
2. Personal Development
3. Life and Social Skills

However, as the school closure continues, we will put more emphasis now on your Academic Skill progression so the activities I share here will fall into 2 categories:

1. Coursework
2. Portfolio Building Opportunities

Consider your home and family life your priority and I'm sure you are all helping as much as you can. Let me know if you are experiencing any difficulties at all and need some help/someone to talk. Our school counselling team are still working hard and can easily have a chat to help you out if needed. Stay safe everyone and try to have some fun with the Portfolio Building Activities below.

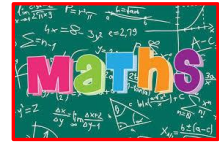
All students must complete these activities

Activities will form part of your academic progression in each of the core areas of Maths, English, Irish and your Modern Foreign Language. The emphasis with the tasks and activities shared here is on project work looking toward the skills and content you will rely on in 5th year. Working independently through these problems will improve your self-directed learning abilities and build on the work you have already completed in Transition Year to date.



These activities can be done on paper (A4 sheets kept in your TY Portfolio folder) or on the computer and must be completed before mid-May. The content here will be updated after Easter again. You will be asked to present your portfolio of work at the end of the year and this section will be most

important. Should you have any issue with any of the coursework please contact your class teacher with your question via email and they will be happy to help.



Maths

Work your way through Constructions 1-21. [Booklet available here.](#) Please also use the [videos available here](#) to guide you through each step of the constructions. They are very self-explanatory, but you must sit and attempt each of them yourself.

This is one thing that cannot be learned from watching a video only! You must be able to complete each construction with just the title to prompt you once your study is complete.

HL Maths:

1. Complete your study of constructions 1-24 [using this booklet here to help.](#) Pay attention to the last 4 which are all about the incentres as these are exclusively for HL and form the basis of a lot of exam questions.
2. Statistics Review: walk through this pandemic data analysis to discover the mathematical and graphical impact our social distancing measures can make. Answer the questions on each of the 5 activities here: [https://](https://www.mathalicious.com/lessons/pandemic/teach)
3. www.mathalicious.com/lessons/pandemic/teach

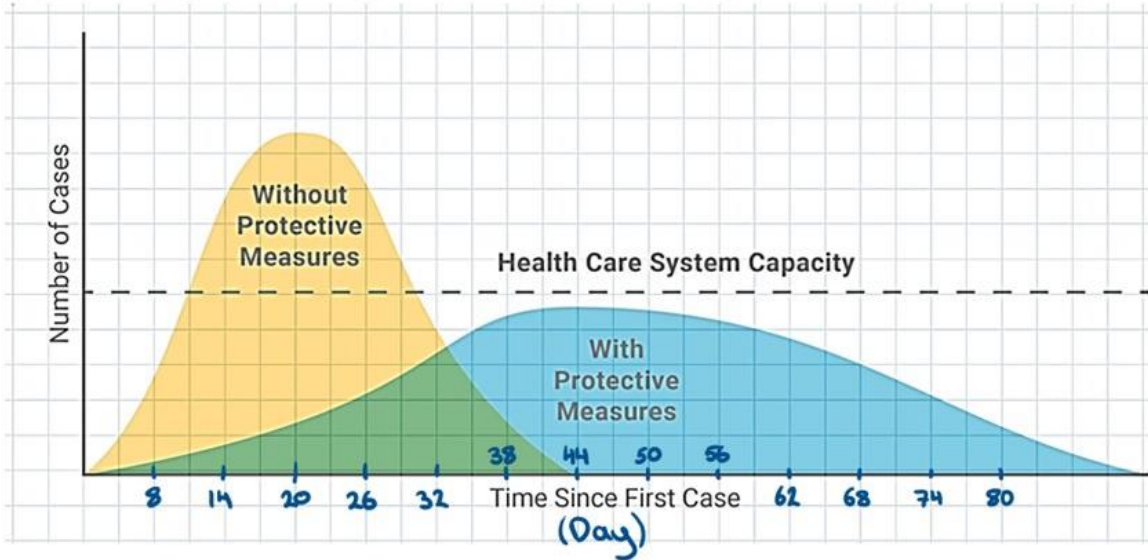
Answer this question below on 'Flattening the Curve' Answers after Easter.

COVID-19 related Maths Questions

Question 1 – ‘Flattening the Curve’

What does ‘Flattening the Curve’ mean?

“Flattening the curve of Covid-19 cases is about slowing the spread of transmission over a longer period of time through measures like social distancing, and closures of schools and workplaces.” (TheJournal.ie - <https://jrnl.ie/5047757>)



From the Normal Curve Graphs above estimate the following:

- (a) The mean number of Days, μ_1 , for number of cases without protective measures to peak.
- (b) The mean number of Days, μ_2 , for number of cases with protective measures to peak.
- (c) The standard deviation, σ_1 , for number of cases without protective measures to peak.
- (d) The standard deviation, σ_2 , for number of cases without protective measures to peak.
- (e) Comment on the differences and implications between the two curves.

English



All English classes:

In preparation for the LC Comparative and Drama questions

- Read Never Let Me Go by Kazuo Ishiguro. A free online version can be found here: [Never Let Me Go](#)
- Complete a book report of the same
- Read Hamlet by William Shakespeare. A free online version with explanatory notes can be found here: [Hamlet](#)
- Read Othello by William Shakespeare. A free online version with explanatory notes can be found here: [Othello](#)
- Watch Othello ([Amazing 1951 version starring and directed by Orsen Welles here](#))

Irish

Higher level classes:

1. Sraith Pictiúr – Líon [an billeog oibre](#) agus úsáid an nasc YouTube mar chabhair.
2. Léamhthuiscint – Léigh an téasc agus [freagair ceist 1-6\(a\)](#)



Ordinary Level classes:

Sraith Pictiúr – Complete [this worksheet](#) and use YouTube to help

Foreign Languages

Spanish

Current tasks in Assignment area:

1. My Daily Routine in Isolation! Write a diary entry and send it to your pen pal.
2. Make a Video assignment in Edpuzzle
3. Make a tik toc in Spanish and upload in the Collaboration Space.



German

Hamsterkäufe, die (plural):

Literally hamster buying.

Describes the panic induced buying pattern where people buy large quantities of essential goods for storage. Named after the way a hamster stuffs their cheeks with food to stash it away for bad times.



French



- Task 1 Culture: Your task is to research and create a promotional presentation of a trip to...
The trip should cost a maximum of €1,000 per student, but it can cost less. This should be to a French speaking country. Prepare a 5-minute multimedia presentation (about 10 slides or equivalent) or a webpage, blog, etc. to share with others and make them want to go! See link for more details. <https://ppli.ie/wp-content/uploads/2019/04/WebQuest-A-Trip-To-DESCRIPTION.pdf> (This can be in English or French or a mixture of both).
- Task 2: Complete tasks on [this word document](#) related to this song:
- Task 3: Work your way through the [Oral PowerPoint](#) Practice speaking orally and take down any notes that may help you again.

Italian



- Watch the movie 'White Like Milk, Red Like Blood' by Alessandro D'avenia. [Trailer that makes it look awesome here](#)
- HL students only: Read the book of the same title ([English Book link here](#)). There are differences in the book and the film, so HL students are expected to know the book version thoroughly.

Portfolio Building Opportunities



These are some great activities that I have found to engage you outside of the academic.

These are OPTIONAL but would be great additions to your TY portfolio.

Use these to beat the boredom and explore your developing abilities in a range of areas. The format for presenting your portfolio at the end of the year is to be confirmed but we are looking at digital portfolios, picture submissions or September grading of the TY box all as options at present.

It is understandable at present if some of you are experiencing difficulties at home, with illnesses, change in routines, minding younger siblings or even just experiencing anxiety about everything that is happening. The work here

is not here to stress you further, but merely to give you some focus outside of all that is happening, even for an hour a day here and there.



Your TY Box/Portfolio

All students MUST submit their TY Portfolio at the end of the year. Previously we have done this as an interview with 2 teachers and/or presentation night with parents and guardians, where you present your achievements in a creative physical piece called your 'TY Box'. A teacher will interview you about what you have included, and it is a great chance for you to show all the small (and big) projects you have undertaken. It also gives you a chance to show off your creative side. Some students made the box from scratch out of wood/old boxes at home, others have decorated cardboard boxes of various sizes and included mementos, project work, photos and all sorts of highlights from the year.

This year, we are looking at how we might facilitate the Portfolio grading remotely if necessary - The format for presenting your portfolio at the end of the year is to be confirmed but we are looking at digital portfolios, picture submissions or September grading of the TY box all as options at present.

Be Creative



The RTE short story competition: Get published! **Deadline May 8th**

About the Competition

The RTÉ Short Story Competition has been a critically important launch pad for new and emerging writers since its inception in 1986, with a wide ranging appeal including young aspiring authors in Ireland.

A competition for original short stories for radio was first established in 1986 in honour of the RTÉ Radio Head of Features and acclaimed novelist, Francis MacManus (1909-1965). Since then, it has been a source of encouragement, support and recognition for new, emerging writers as well as established names. Past winners have gone on to receive national and international acclaim, including Claire Keegan, Molly McCloskey, Ivy Bannister, Anthony Glavin and Nuala O'Connor, and many more.

The RTÉ Short Story Competition has been championing new talent for decades with the winning and shortlisted short stories being produced for radio broadcast and voiced by some of Ireland's most talented actors of the stage and screen. In recent years these have included Peter Hanly, Ali White, Emmet Kirwan, Cathy Belton, Ingrid Craigie, Denis Conway, Andrew Bennett, Caitríona Ní Mhurchú, Kathy-Rose O'Brien, and many more.

This year, the full shortlist of 10 stories will be broadcast in the autumn, and will be available for download as podcasts. All three prizewinning stories will be available to read on thejournal.ie following broadcast.

The **RTÉ Short Story Competition** is now open for entries. [Click here to](#)

[download the application form](#), email fmacmanusstories@rte.ie or phone (01) 2083277 with your name, postal address and phone number.

Writers have until Friday 8th May to submit their short story which will be judged by a panel of three judges: editor, lecturer and journalist, **Madeleine Keane**; award-winning short story writer and previous prize-winner of the RTÉ Short Story Competition, **Danielle McLaughlin**; and writer and broadcaster, **Vincent Woods**.

The shortlist of 10 stories will be announced by early September, while the winners will be announced at an awards ceremony in RTÉ later in September. The overall winner will receive €3,000, while €2,000 and €1,000 will be awarded to the second and third place prize winners respectively. A further seven runners-up will receive €250 each, and all 10 short stories will be broadcast in a season of new writing on RTÉ Radio 1 in the autumn. The top three prizewinning stories will also be published on thejournal.ie.

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Make your own face masks

For the moment the PPE crisis has abated in our hospitals. But I am sure you have seen footage on social media of the benefits of everyone wearing a mask anyway. We should not be using up disposable sterile PPE that the hospital could use so the best solution is making your own and wash them yourself and reuse!



All instructions can be found here:

<https://freesewing.org/docs/patterns/fu/instructions/>

You will Need:

- Basic sewing supplies
- About 15 cm (6") of a suitable fabric

- About 15 cm (6") of lining fabric
- About 1.6 meter (5 feet) of ribbon cut in 4 equal parts

Fabric options

The goal of our mask is to stop droplets. So you want to go for something that filters those out. Then again, you need to be able to breath through your mask, so we want fabric that breathes, without letting droplets through.

In addition, we want the inside to be comfortable on our skin. So here I'd suggest a tightly woven cotton or viscose/rayon. For the outter fabric, cotton again, or a tightly woven wool.



Note that fabric that is *breathable* is not the same as fabric your can breath through. There's many so-called waterproof breathable fabrics — or MBFs — that are used for outdoor gear because they repel water and are *breathable* but would make a poor choice for a face mask. Look no further than your umbrella for an example. Chances are it's more from a fabric you can breath through, but only with substantial effort, which would not work for our face mask.

New Skill – Learn to Draw

Learn to Draw!



Marvel Artist [Will Sliney](#) has been setting an art challenge for all ages each day since the schools shut in Ireland (He lives in Cork). His twitter page is full of amazing pictures by students of all ages. This week - have a go at drawing a Simpsons character because, why not?! His live class is on Tuesday. Tag your creations #WeWillDraw.

This week is Autism Awareness Week

World Autism Day - Thursday April 2nd!

Take the Kindness Pledge and receive an email with loads of ways you can show kindness on the day.

[Click here to take the pledge](#)



Take the #kindness #counts Challenge

Be an influencer of kindness by leading by example and spreading positivity to your followers. A poll on Autism Speaks social media pages showed that 90 percent of people on the spectrum and their loved ones said they experienced bullying or negativity. [View a Spanish language version of this page.](#)

How to take the challenge:

1. **Write or film a kind and uplifting message to your followers on social media. There is no wrong way to be kind, make the challenge your own.**
2. **Post it and tag @autismspeaks and three of your friends and nominate them to post kind messages of their own.**
3. **Watch the kindness and positivity that you sparked, spread!**

The goal of the #KindnessCounts challenge is to make our online and offline worlds kinder and more inclusive and to increase acceptance of autistic people and their families. Any acts of kindness, big or small, can make an impact in the lives of others.

Tech Week

Computational thinking is the background to all code writing. Codes are basically, problem solving algorithms so look at these two practice challenges to get your head in the right space for code writing (we'll get there!)



BOOT UP:

Some space explorers landed on an empty planet. From their ship they could see a maze with an unknown golden object in it.

The explorers dropped their robot into the maze hoping it could take a closer look at the unknown object.

Unfortunately the robot broke during the fall and can now only send and receive garbled instruction about where to go.



The robot suggests four possible directions it can go. Even though the words in the instructions are garbled, there are still only four different words, each indicating north, west, east or south. When following the instructions the robot will move into an adjacent square as instructed.

Which instructions should the explorers send the robot in order for it to reach the golden object?

A. Ha' poS poS Ha' Ha' nH	B. Ha' Ha' poS Ha'
C. Ha' poS poS Ha' nH Ha'	D. Ha' poS nH vl'ogh Ha' poS

LOADING...

Each logic puzzle is made of a list of clues and a grid like the one you see here below. The purpose of the grid is to represent the relationships between every possible combination of every item. Five children are on the list to use the class computer. Find out who the first, second, third, fourth and fifth student was on the list. Use the clues given to allocate time slots by using a **process of elimination**. Draw an ✓ in the right time slot, the first one is done for you.

	12:00	13:00	14:00	15:00
JOE				
KIM				
AMY				
BOB				
SARAH	✓			

CLUES

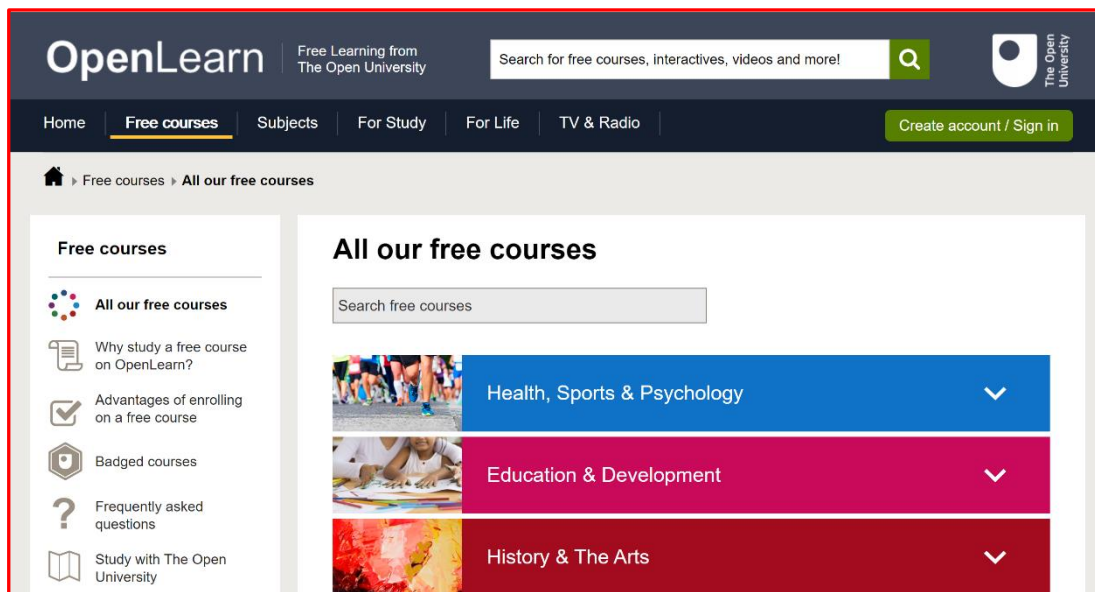
Sarah has the first slot.

Joe's slot is after those of Kim and Bob.

Bob's slot is before Kim's.

Amy's slot is after Joe's.

Online Learning



Open Learn is an online Open University. They have literally thousands of free online courses which range from 1 hour to 24 hours of learning time. You can choose to participate in any course you want in a wide variety of areas.

Examples include:

- Beginners Japanese
- Introduction to Criminal Law
- Exploring music- the blues
- Improving aerobic fitness
- Introduction to child psychology

When you complete a course, you can download and print your participation certificate. Include this in your portfolio and CV.

<https://www.open.edu/openlearn/free-courses/full-catalogue>

On the Telly - Taylor Swift Miss Americana

You may not be her biggest fan; however, this movie has good vibes around body positivity and generally is a good watch. It can't hurt to give it a go. I'll be trying it out this week too so maybe we can do a film review together next week?!



Wellbeing

TYF – Tackle Your Feelings - FREE



A **fantastic app** and resource. It is brought to you by rugby players Ireland in partnership with Zurich centred around mental health featuring rugby stars and video clips therein. It focuses on your feelings, expressing them, and helping you to handle your feelings. This app and resource aim to help you begin to take control of your mental wellbeing. It is broken into 4 sections: awareness, emotions, characteristics and self-care. It includes resources on, goals, test centres, your locker, your journal, games and get help. Superb resource!!

