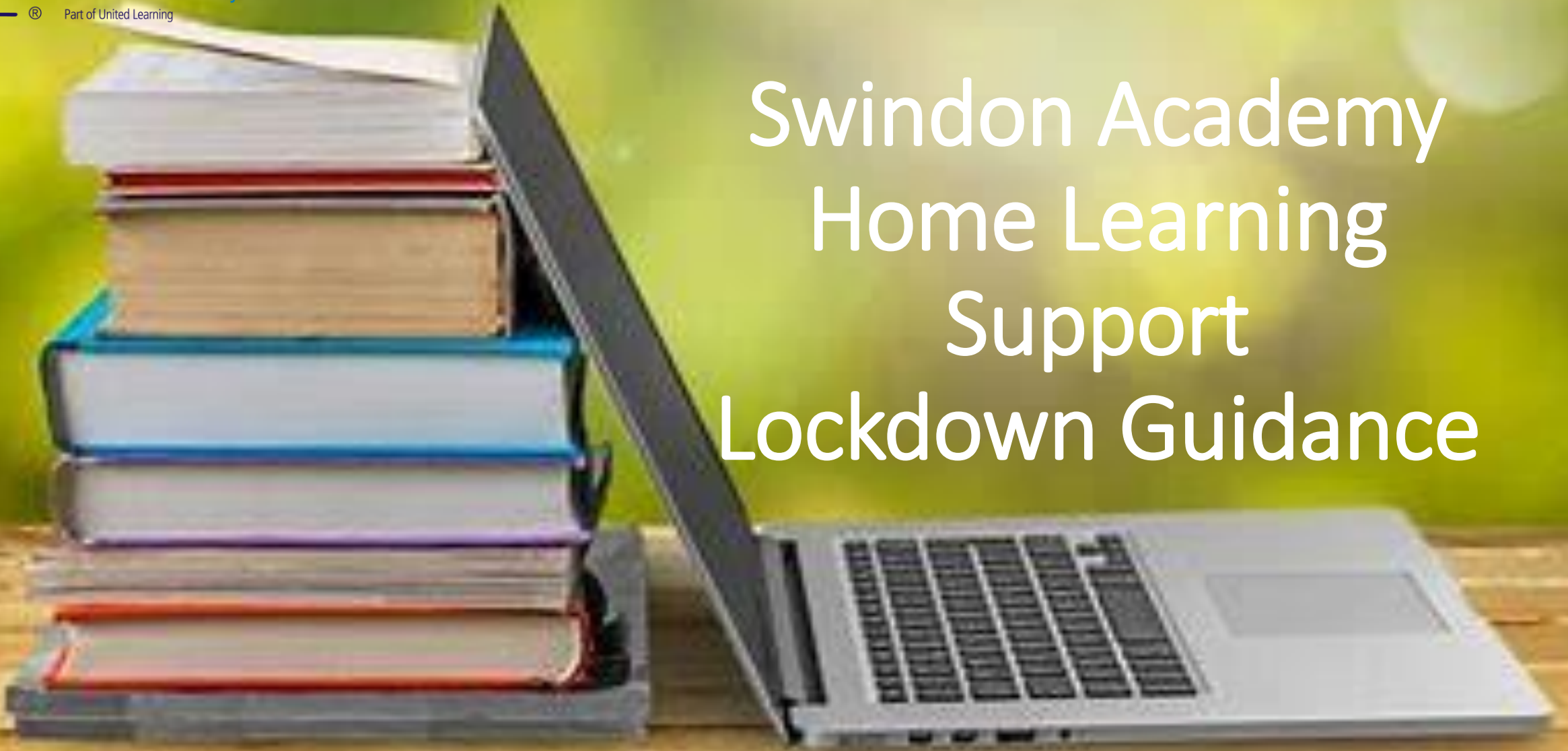




Swindon Academy

The best in everyone™

Part of United Learning

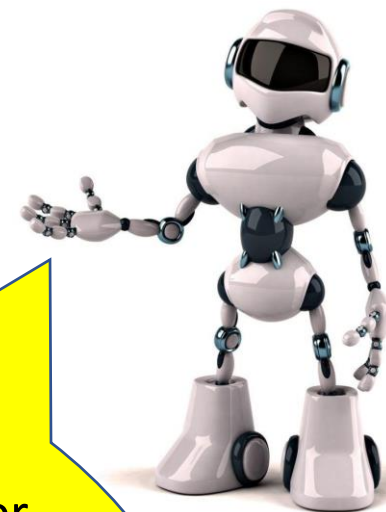


Swindon Academy Home Learning Support Lockdown Guidance

Name:

Tutor group:

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Before you say you can't or don't know how to do something—USE THIS BOOKLET TO HELP YOU!
 There are lots of videos here to help you:
<https://youtube.com/playlist?list=PL52rYoY6bW6lup5fsqSIPi3p61aqmEM8r>

You will need your Passwords. Please write them down on this page

Box 1:	School Network Login
Username:	
Password	

Box 5:	Office 365
Username:	
Password	

Box 2:	Epraise Login
Username:	
Password	

Box 6:	Kerboodle
Username:	
Password	

Box 3:	Hegarty Login/SPARX Login
Username:	
Password	

Box 7:	Accelerated Reader
Username:	
Password	

Box 4:	Bedrock Login
Username:	
Password	

Box 8:	Seneca
Username:	
Password	

Working from Home Lock Down Expectations

This means you and your teachers are working from home, but the Academy is still open, and some teachers are in the Academy working in frontline school. Most lessons will be live online with your teacher.

Your School Day-will be:

School Day Years 7 & 8	
08:20 - 08:50	Tutor Time
08:50 - 09:45	Period 1
09:45 - 10:05	Break
10:05 - 11:00	Period 2
11:00 - 11:55	Period 3
11:55 - 12:25	Lunch
12:25 - 13:20	Period 4
13:20 - 14:15	Period 5
14:15 - 15:10	Period 6
15:10 - 15:35	Reading

School Day Years 9, 10 & 11	
08:20 - 08:50	Tutor Time
08:50 - 09:45	Period 1
09:45 - 10:40	Period 2
10:40 - 11:00	Break
11:00 - 11:55	Period 3
11:55 - 12:50	Period 4
12:50 - 13:20	Lunch
13:20 - 14:15	Period 5
14:15 - 15:10	Period 6
15:10 - 15:35	Reading

- This booklet will help you know what to do each day.
- It will also tell you who to contact if you need help.
- At the start of every session, you need to log onto EPRAISE and find your lesson.
- It will be set as Classwork and you need to open it up and follow the instructions.
- Your lessons will start within 10 mins of the timetabled time. This is to allow you to log on and open the necessary work/Team/PowerPoint
- Your lesson will finish 5 minutes before the end so you can go to the toilet/collect a drink/snack.

Working from Home Lock Down Expectations

This means you and your teachers are working from home, but the Academy is still open, and some teachers are in the Academy working in frontline school. Most lessons will be live online with your teacher.

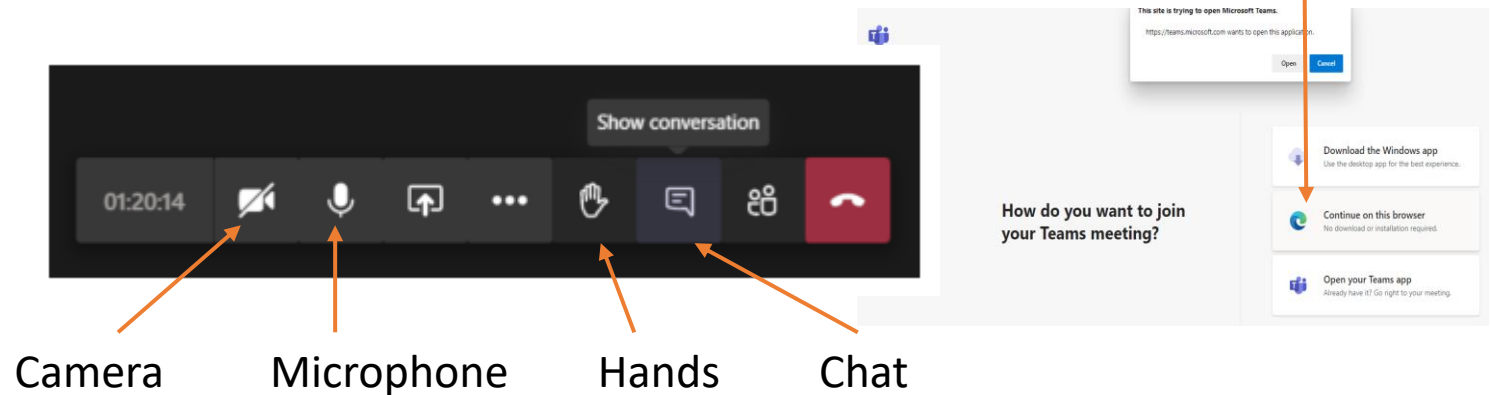
You must log into your tutor session ready for an 8.20am start each day. This will be LIVE.

How to login to your tutor session

1. Click the link sent to you in an E-praise message to access live tutor at 8:20am
2. The meeting will open you will be able to see your tutor
3. Choose continue this browser OR if you have the Teams app you can click open your Teams app.
4. TURN OFF YOUR CAMERA and MICROPHONE when asked.
5. You can use the show conversation button to ask questions and click the hand icon to raise your hand.

BE PREPARED

1. Have a clear work-space
2. Plan your day
3. Upload your work
4. You must log onto tutor. You will be marked absent if you are not present.



5. For Year 7-10 at the end of each day, you will be sent a recording of a book for your year group to read along with. There will be instructions with a link on E-Praise each day which will take you to the video.

Working from Home Lock Down Expectations

This means you and your teachers are working from home, but the Academy is still open, and some teachers are in the Academy working in frontline school. Most lessons will be live online with your teacher.

You will be following your normal timetable. Your lessons will be set on EPRAISE at the start of each lesson.

You need to:

- log onto EPRAISE
- find your lesson on the PLANNER and follow the instructions.
- Some lessons will be live - using TEAMS
- Other lessons will be voice-over PowerPoints and other lessons might direct you to work independently.
- Click the link to access your lesson.

In this booklet there are instructions as to how to access your Live Lessons on TEAMS.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
20th September	21st September	22nd September	23rd September	24th September	25th September	26th September
+	Year 7-10 Daily Reading Prep	Year 7-10 Daily Reading Prep	Year 7-10 Daily Reading Prep	Year 7-10 Daily Reading Prep	Year 7-10 Daily Reading Prep	+
	11f/Sc2 Biology	+	Year 7-10 Bedrock PREP	+	Year 7-10 Bedrock Prep	
	+		11f/Sc2 Biology		+	
			+			

Key:

- Homework
- Classwork
- Cover work
- Planning
- Other

- Complete all work set and upload your completed work to your teacher via epraise or email (Years 10 and 11). Remember you can take a photo of your work and upload it onto EPRAISE or EMAIL. **See page 13** to show you how to upload your work.
- We expect you to be logged into your lessons on time.
- If the lesson is not Live you will be able to ask for help using EPRAISE during the lesson. Use the EPRAISE messenger service for this. Your teacher will be answering all messages during this time from their classroom.

Working from Home Lock Down Expectations

Create a workspace

This can be difficult as you may have limited space at home and your parents may also be working from home at the same time.

- Find a clear space free of clutter where you can work.
- Have everything you need ready to complete your work such as your stationary equipment, device and exercise books.
- keep this neat, tidy and organised especially if you are sharing the workspace with other members of the family.



PLEASE USE YOUR PREP BOOKS TO COMPLETE YOUR HANDWRITTEN WORK.

Plan a routine –have regular breaks and get to bed on time just as though we were in school. Ensure that you have access to epraise and all of your passwords.

Make sure you take a break between your lessons. There is a 5-minute break for you to go to the toilet/collect a drink/snack etc.

Once lessons are completed at 3.35pm it would be good for you to take some exercise, spend time doing things you enjoy – this might include reading, drawing, tv programmes, other hobbies.

Try to eat healthy, well-balanced meals, drink enough water. **For students on Free School Meals-we will provide your parent with a voucher.**

USE THIS TIME TO LOOK AWAY FROM THE SCREEN.

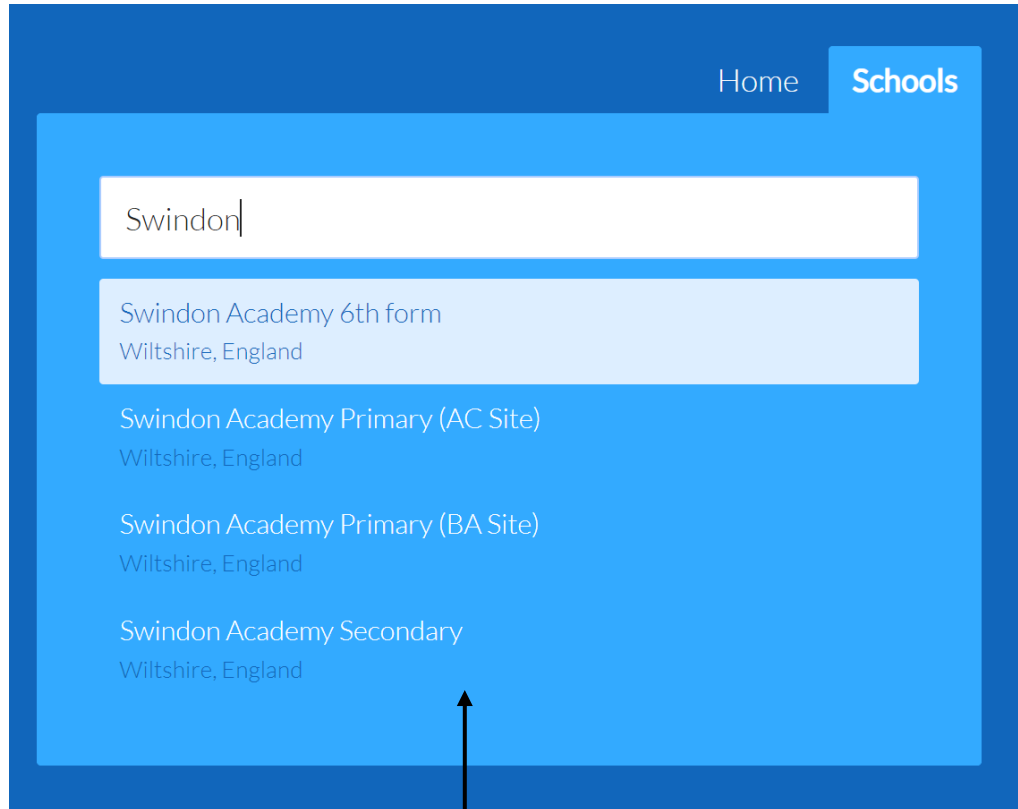
E-praise – Login



Please work through the following steps to log into epraise.

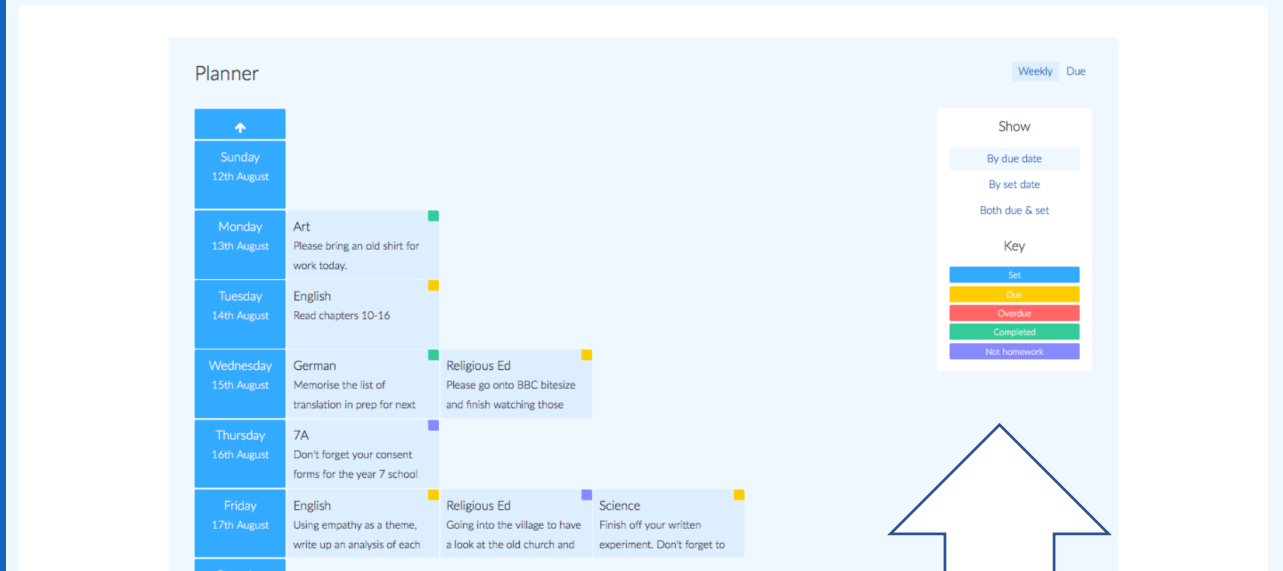
Open your internet browser and type www.epraise.co.uk into the search bar.

Your work will be on the **PLANNER** section



Take care!
Select **Swindon Academy Secondary**

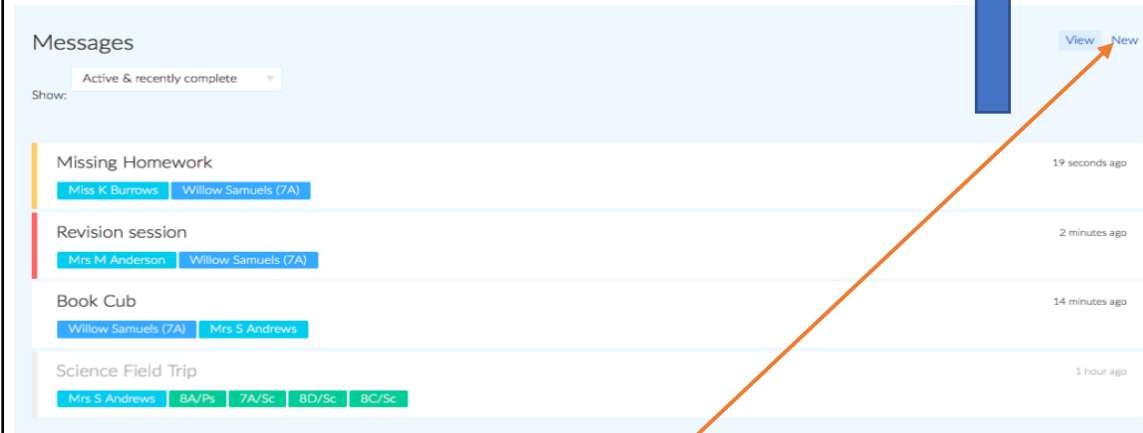
The Planner shows you homework and notes that have been shared with you. You can find this on our website by going to Me > Planner and on the app there is a dedicated tab. Homework can be marked as complete, which will automatically update the red indicator that shows how many tasks are left to do.



Please take care which tab you select
You need to look at SET DATE

We are here for you-USE EPRAISE to ask for help

You can send a message go to

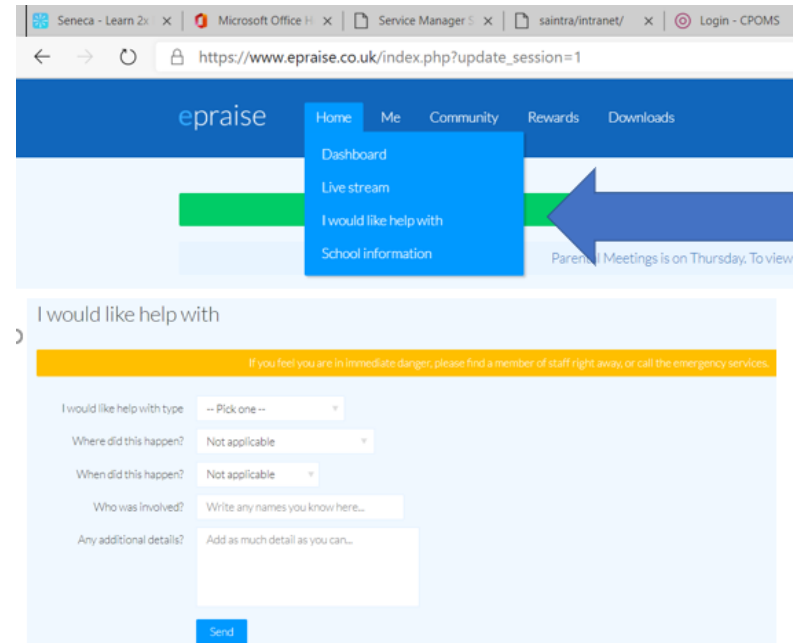


To send a message click new.

Messenger allows you to send and receive messages from your teacher if you need to ask them a question or are having trouble with anything. You can view your inbox on our website by going to Me > Messages and there is a dedicated tab on the app

Your teacher will be answering your messages during lesson time only. If they are not teaching you LIVE.

You can also go to HOME:








Please use 'I need help' shown above to ask for help when you need it. Your College Leader will get these messages.

You should use this to request password resets for any of your passwords.

If you have forgotten your epraise password please email schoolclosure@Swindon-academy.org

E-praise – Accessing live lessons



Mon 11th January	Tue 12th January	
10B/Sp1 P1 10B Spanish 	11A/Sp1 P4 Spanish RJA 11A 	
9GB/Sp P2 9GB Spanish 		
9-3/Sp P3 9-3 Spanish 		

In your Epraise planner you will find each Lesson labelled P1, P2, P3 etc







Click the lesson you need to join and you will be given a link like the link below

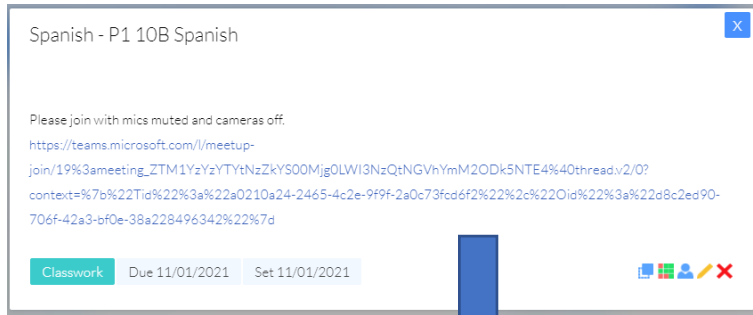
Spanish - P1 10B Spanish ✕

Please join with mics muted and cameras off.

https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZTM1YzYzYTYtNzZkYS00Mjg0LWI3NzQtNGVhYmM2ODk5NTE4%40thread.v2/0?context=%7b%22Tid%22%3a%22a0210a24-2465-4c2e-9f9f-2a0c73fcd6f2%22%2c%22Oid%22%3a%22d8c2ed90-706f-42a3-bf0e-38a228496342%22%7d

Classwork Due 11/01/2021 Set 11/01/2021    

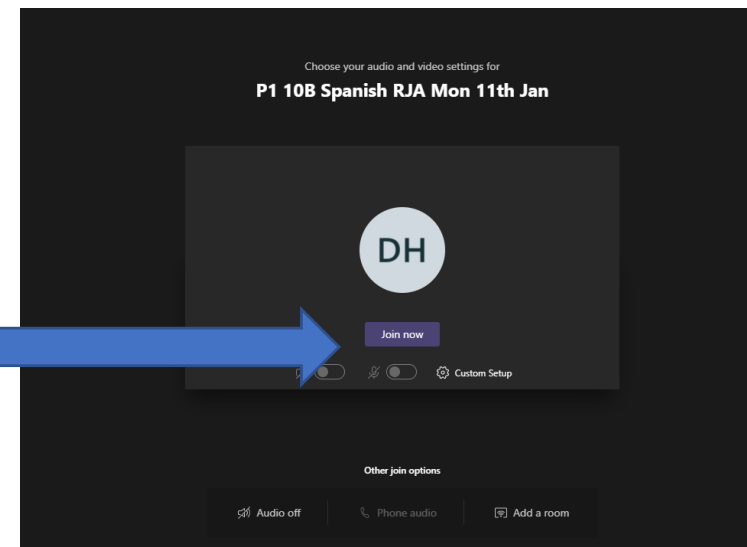
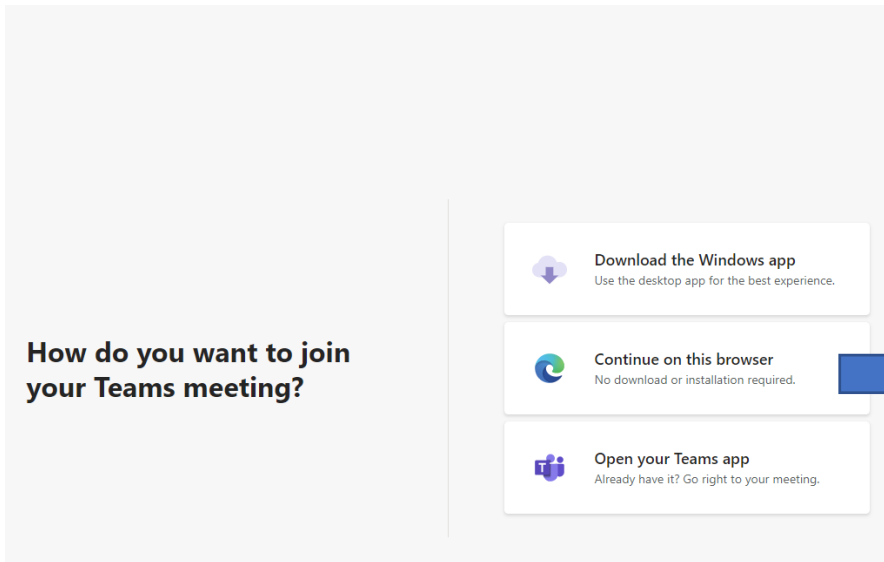
E-praise – Accessing live lessons



After clicking the blue link, you'll see this screen.

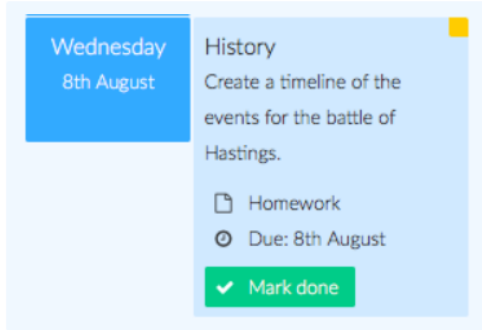
Click “continue on this browser”

Check your Mic and Camera are off and then click “join” to join the live lesson



E-praise – Completing lesson work

Students can click on the homework note to view the homework details and download any attachments by clicking the blue cloud icon. They can mark the homework as complete by clicking on the green Mark done button. This will update the homework in the diary view to show as Completed with a green icon.



Wednesday
8th August

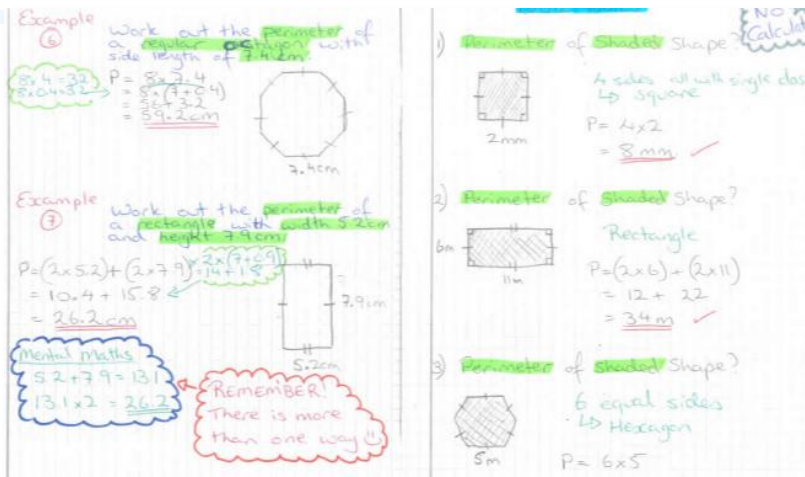
History
Create a timeline of the events for the battle of Hastings.

Homework
 Due: 8th August



How to tell your teacher you have Completed your work

If they accidentally mark homework as completed, they can quickly undo this by opening the homework and clicking the red Mark not done button.



Example ⑥ Work out the perimeter of a square with side length of 2.4cm

$$P = 4 \times 2.4 = 9.6 \text{ cm}$$

Example ⑦ Work out the perimeter of a rectangle with width 5.2cm and height 7.9cm

$$P = (2 \times 5.2) + (2 \times 7.9) = 10.4 + 15.8 = 26.2 \text{ cm}$$

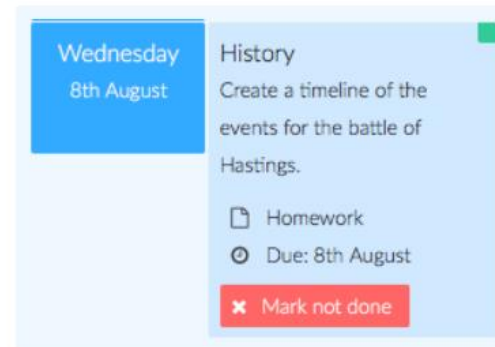
Mental maths
 $5.2 + 7.9 = 13.1$
 $13.1 \times 2 = 26.2$

REMEMBER!
There is more than one way!

1) Perimeter of shaded shape? NO Calculate
4 sides all with single dots \rightarrow square
 $P = 4 \times 2 = 8 \text{ mm}$

2) Perimeter of shaded shape?
Rectangle
 $P = (2 \times 6) + (2 \times 11) = 12 + 22 = 34 \text{ m}$

3) Perimeter of shaded shape?
6 equal sides \rightarrow Hexagon
 $P = 6 \times 5$



Wednesday
8th August

History
Create a timeline of the events for the battle of Hastings.

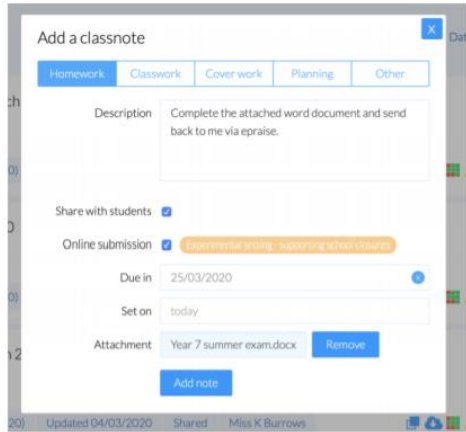
Homework
 Due: 8th August

E-praise – Uploading lesson work

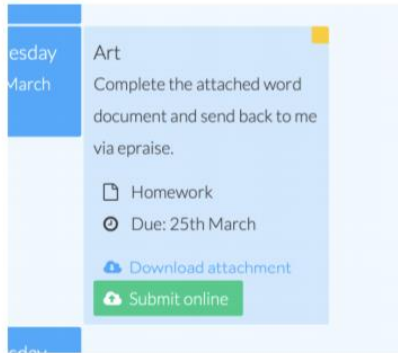


If your teacher has asked you to upload work-you need to:

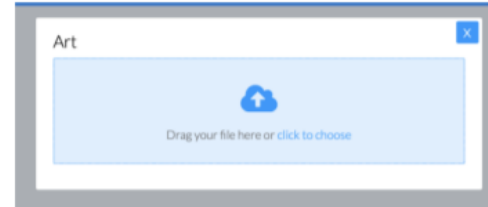
1. Teacher sets a new homework classnote



2. Student goes to the planner, planner > due or profile > classnotes pages to upload their homework



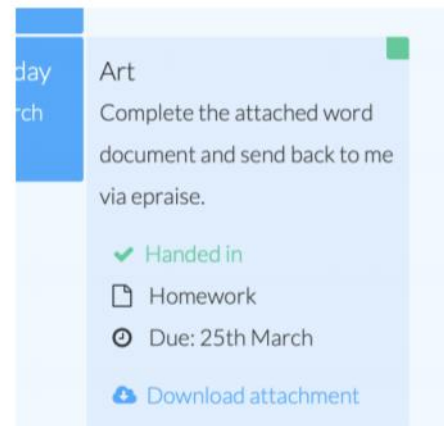
3. Student selects their homework (limit to 1 file per upload, maximum 3mb)



4. Student confirms this is the correct file and clicks Upload

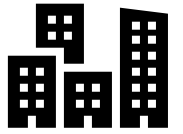


5. The work is automatically marked as handed in

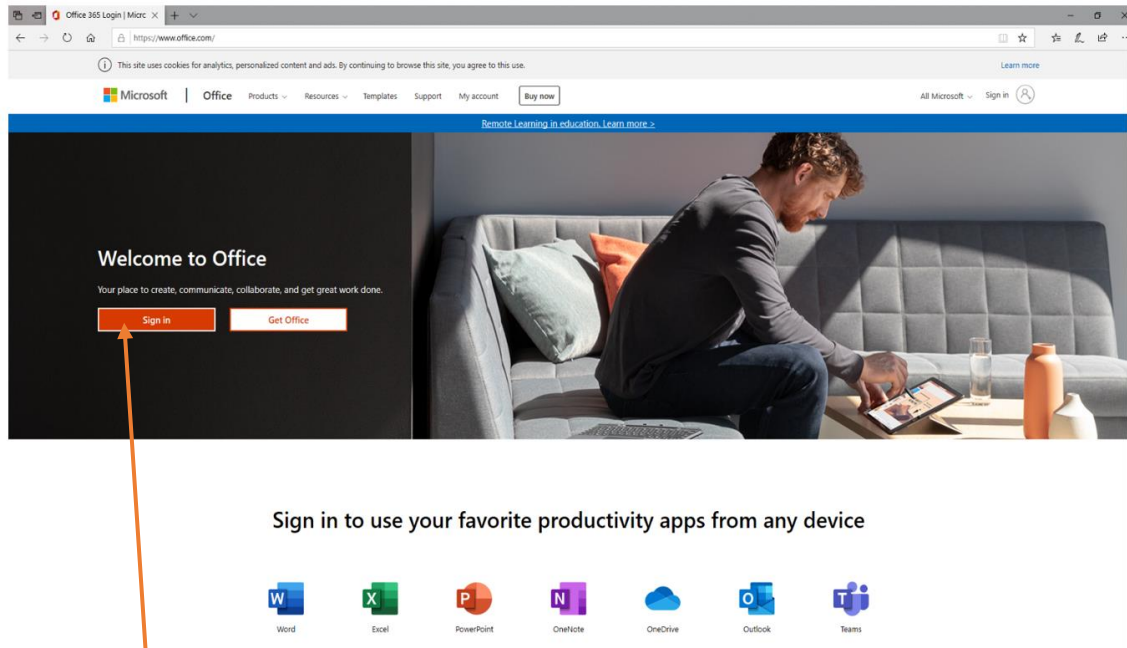


Office 365 – Login

Please work through the following steps to log into Office 365.

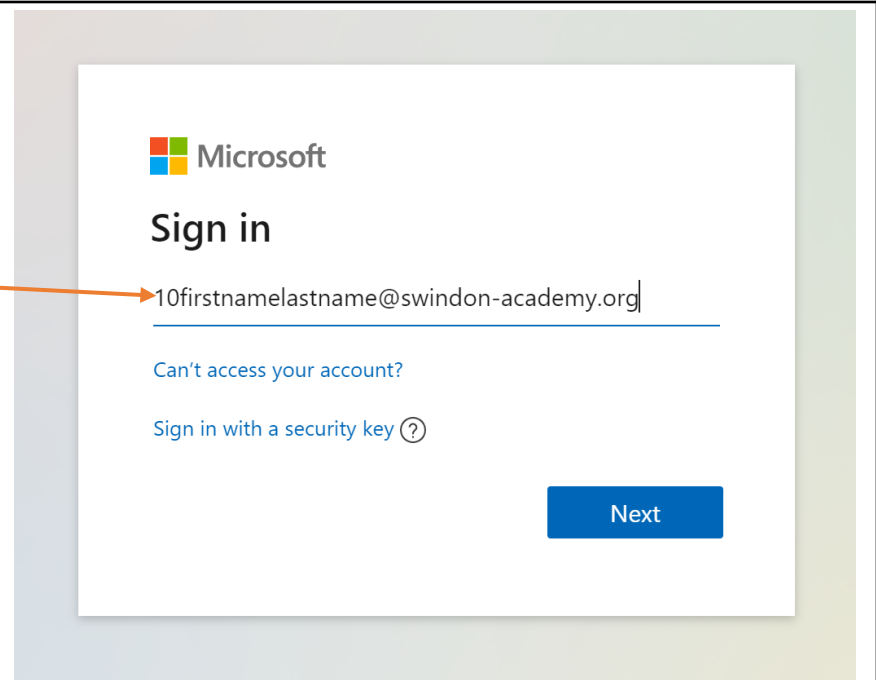


Step 1. Go onto any browser of your choice e.g (Microsoft Edge, Internet Explorer or Google chrome) and in the search bar go to the website [Office.com](https://www.office.com)



Click sign in

Enter your email address here and click next



Your email address is your school network username followed by swindon-academy.org
For example:

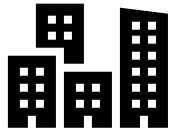
10firstnamelastname@Swindon-academy.org

Office365 can be used as a dashboard for all your work.

One drive allows you to save and store files on the cloud allowing you to access your files on any device at any time.

<https://youtu.be/ZI5qsVyIIIIs>

Office 365 – Dashboard

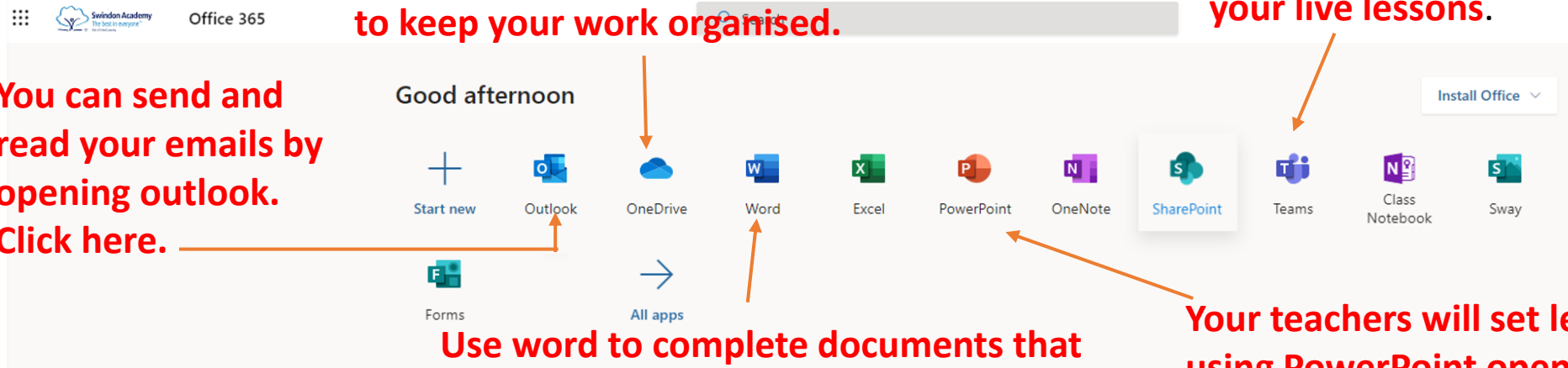


Step 3. Once logged in you will be greeted with this screen. You are now logged in to your office account here you have word online, power point online, outlook for your emails and one drive to save your files

This is your OneDrive you can save your work and set up folders here to keep your work organised.

**You can open Teams by clicking here
You will need to use teams for all live learning including tutor time and for your live lessons.**

**You can send and read your emails by opening outlook.
Click here.**

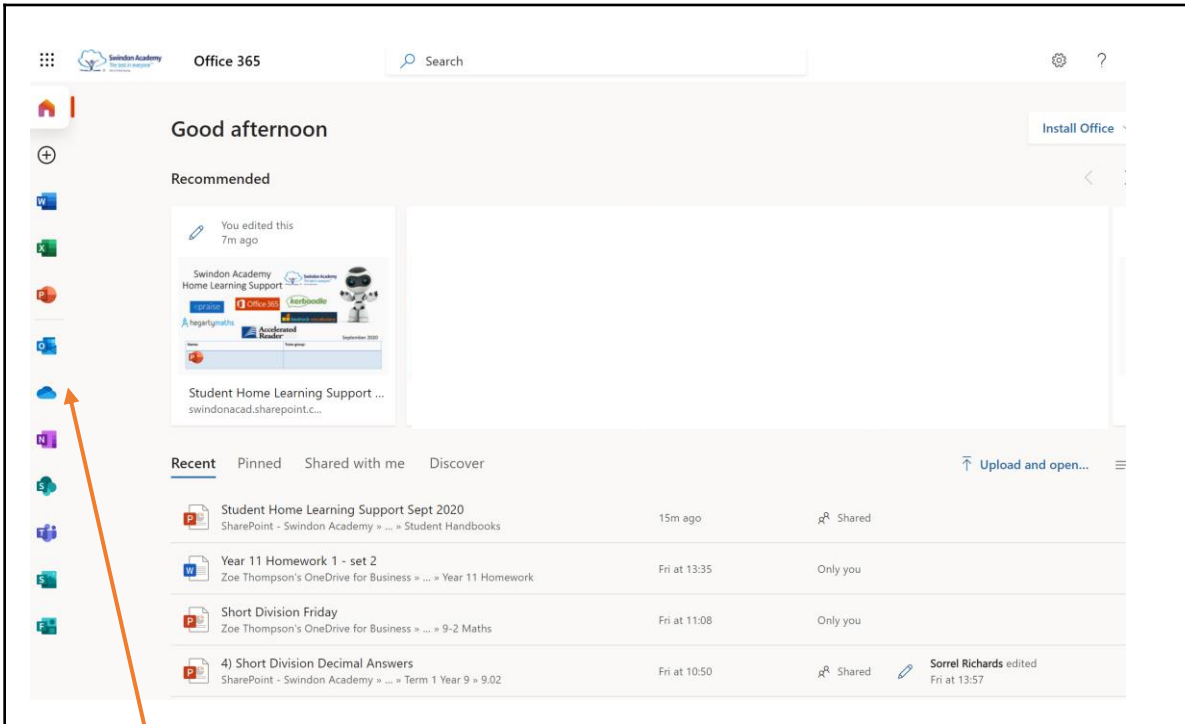
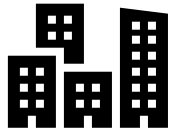


Use word to complete documents that your teachers have set for you or to type written work.

Your teachers will set lessons using PowerPoint open this by clicking here.

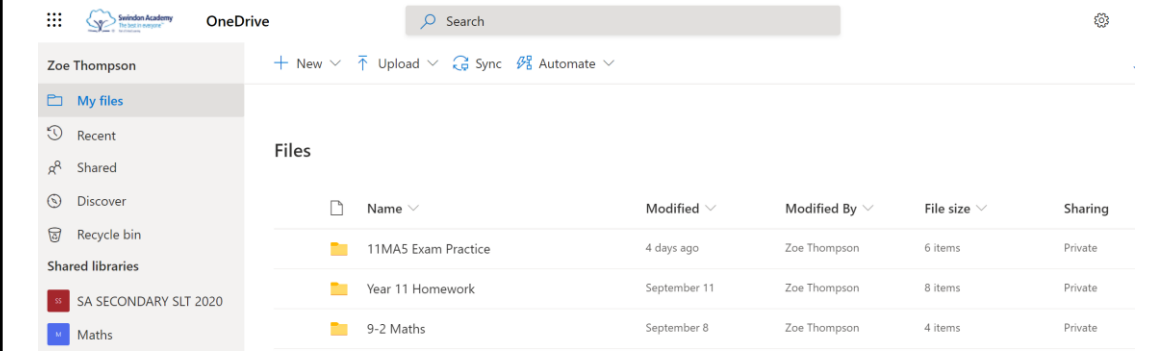
See the video on YOU TUBE to help you
It can be found here.... <https://youtu.be/WbRspY7T21E>

Office 365 – OneDrive

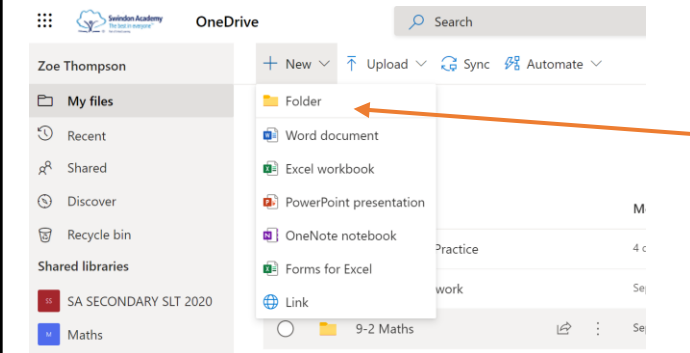


Your homepage may look like this. The icons for Teams, Word, Outlook, OneDrive and PowerPoint are at the left of the screen.

One Drive



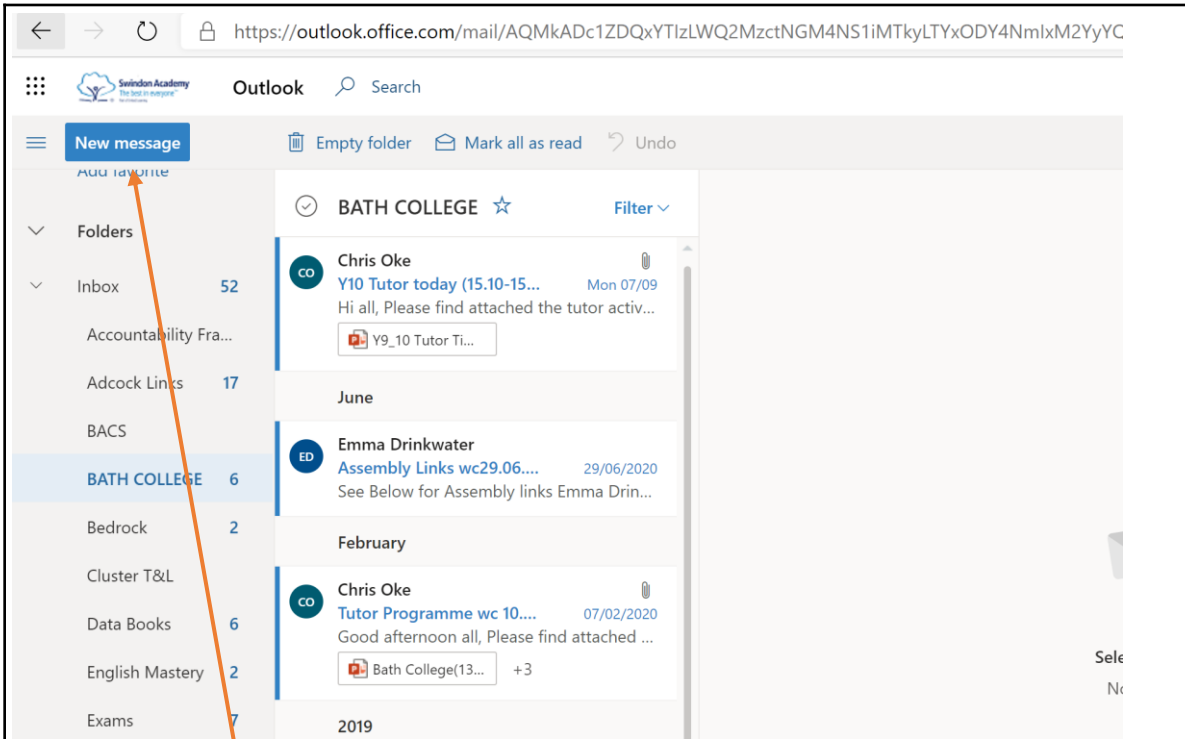
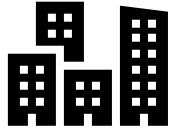
Use OneDrive to set up folders to save your work



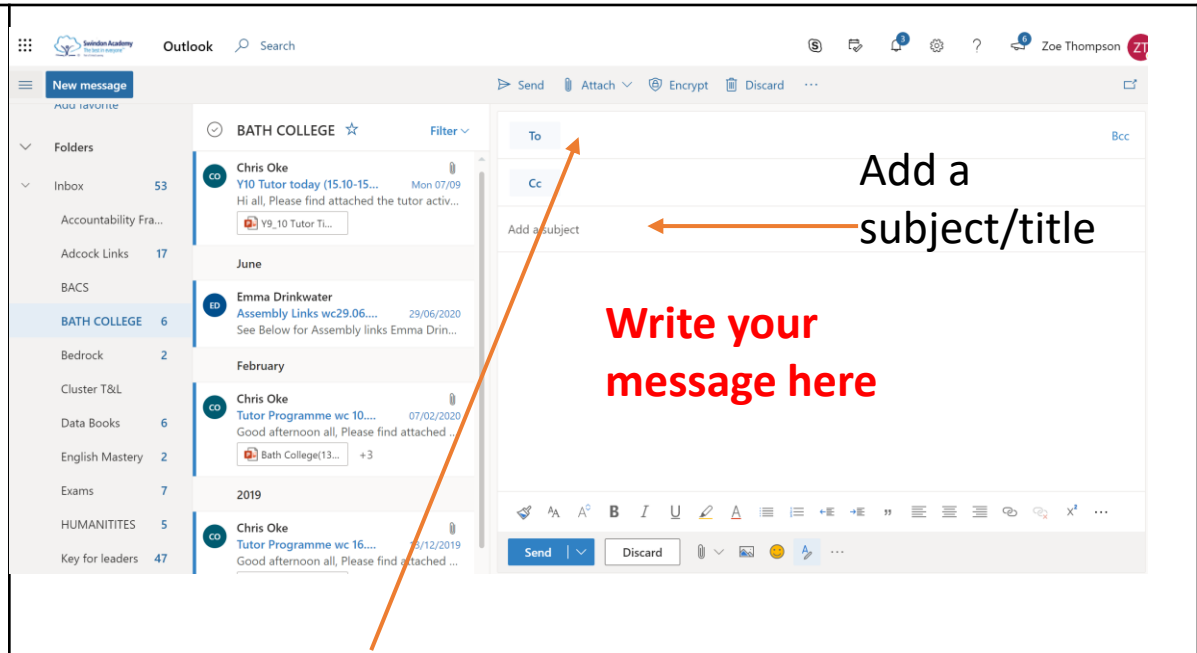
**Click on New
You can set up a
folder or open a
new document in
Word or
PowerPoint**

Office365 can be used as a dashboard for all your work.
One drive allows you to save and store files on the cloud allowing you to access your files on any device at any time.

Sending an email with an attachment



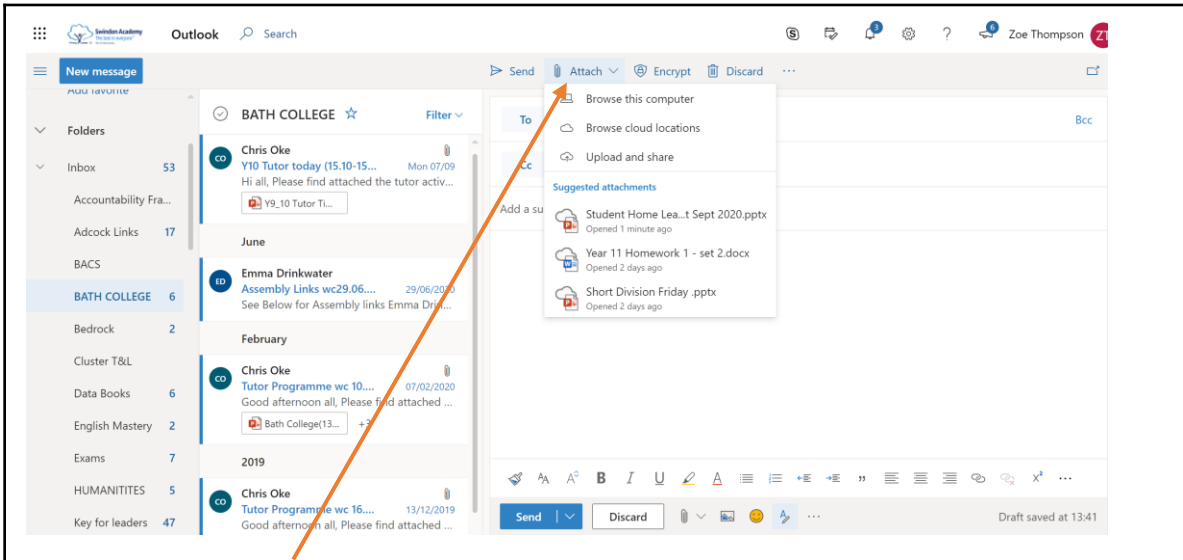
To send an email click New message.



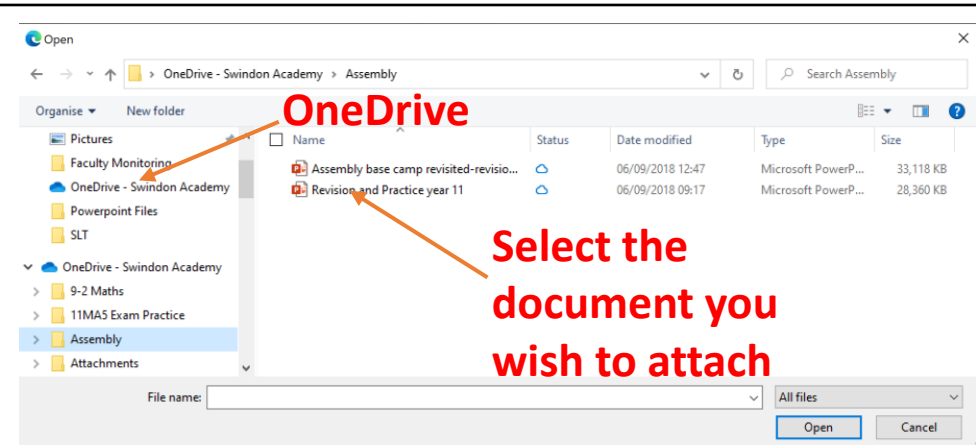
Type the email address of the person you are emailing here.

Office365 can be used as a dashboard for all your work.
One drive allows you to save and store files on the cloud allowing you to access your files on any device at any time.

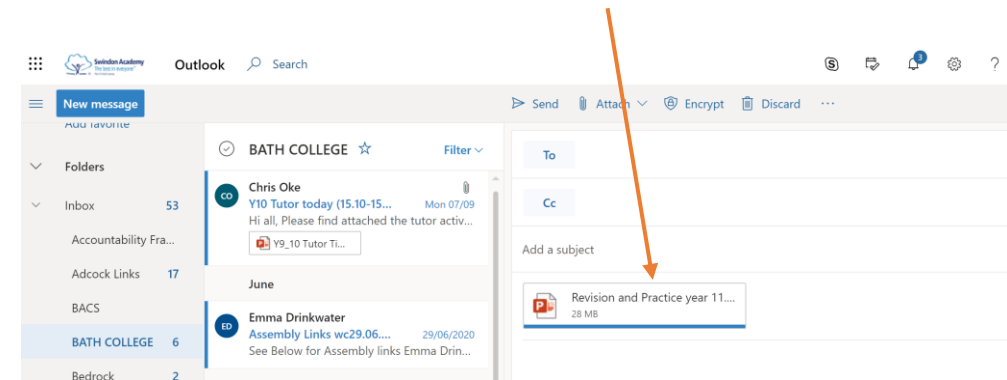
Sending an email with an attachment



To attach a document click here.
Click browse this computer you will see your one drive.
Your document may appear in suggested attachments.

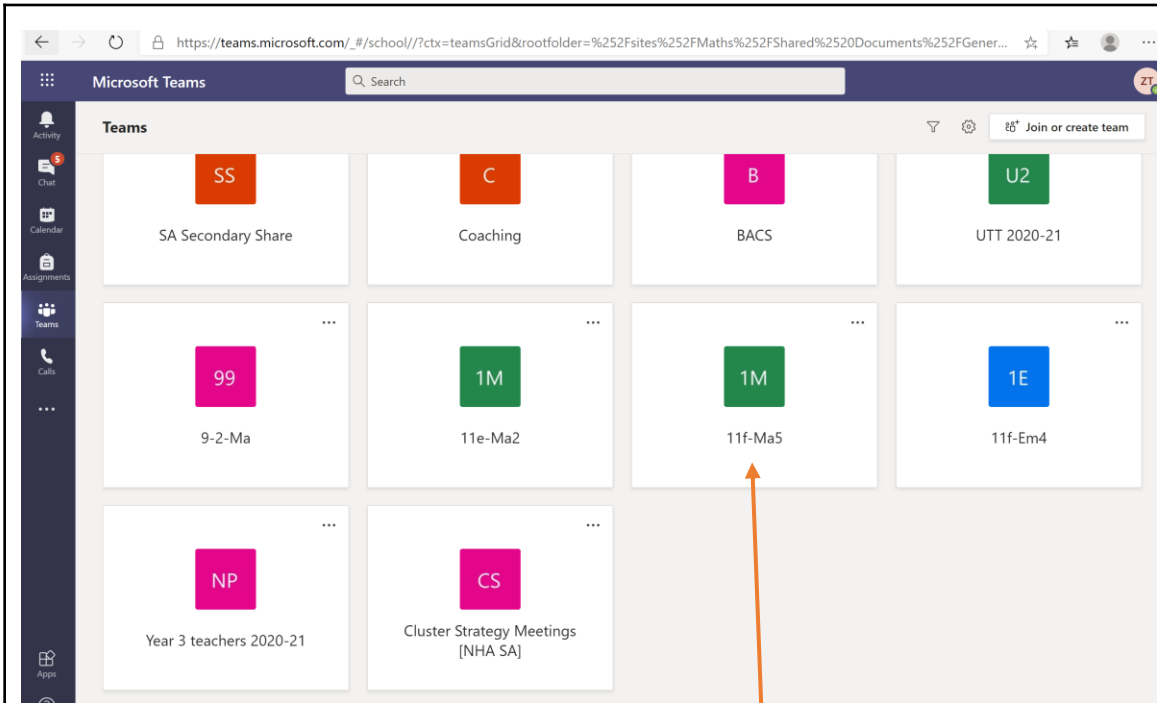
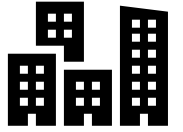


Select attach as a copy. Your document appears here

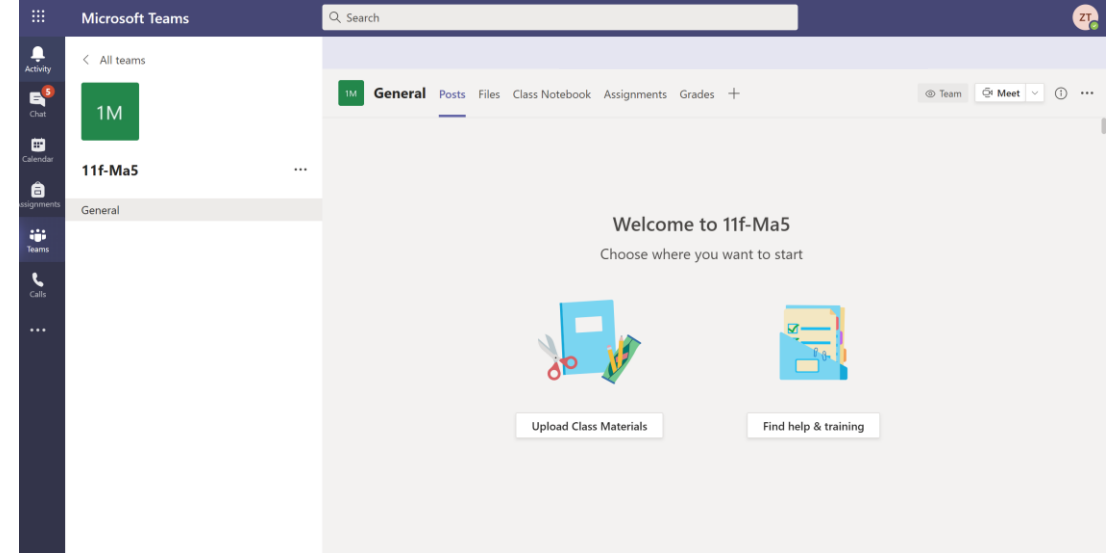


Link to video: https://youtu.be/lk7waXlQ_EU

Teams – Homepage



**Select the team for either your tutor or class.
For example if you are in 11F-MA5 select this team**



**Your teacher will upload resources into your team
in files and in class notebook.
You will access live lessons here.**

Prep during lockdown

Prep is an important part of learning at Swindon Academy which helps you to achieve the best grades possible in your exams.



In Year 7-9, you still need to complete your Maths Sparx or Hegarty Maths prep.

In Year 7-10, you also need to complete your 20 minutes of personal reading every day.

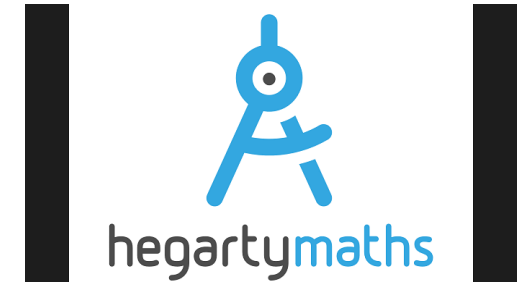
You should also continue to complete your bedrock lessons each week.

KS4/KS5

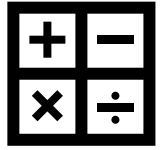
In Years 10-13, you will continue to receive prep as normal. Prep will be set on Epraise like before and your teachers will be checking your prep.

Use the “upload” box to submit a photo of your prep or a document to your teacher.

sparx



Hegarty Maths – Login

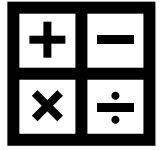


Please work through the following steps to log into Hegarty Maths.

A composite image showing two parts of the Hegarty Maths website. On the left is the main homepage with a blue header, a large blue banner with the text "Built to make independent learners", and buttons for "Watch demo video" and "Register interest". Below this is a yellow section with "Personalised maths at home" and a "Register now" button. On the right is a "Find your school" search interface. The search bar contains "Swindon Academy". A dropdown menu shows two results: "Swindon Academy Swindon, SN2 1JR" (highlighted in dark blue) and "Swindon Academy (primary) SN2 1JR". An arrow points to the first result. Below the dropdown is an orange button that says "If your school is not on our list, click here to register your school." and a link "What's this for?".

**Type Hegarty maths into your internet browser.
Select student log on
Select Swindon Academy**

Hegarty Maths – Login



Please work through the following steps to log into Office 365.

A screenshot of a web browser showing the login page for Hegarty Maths. The browser's address bar displays "https://hegartymaths.com/login/learner". The page features the Hegarty Maths logo in the top left and two buttons: "Student log in" (green) and "Teacher log in" (blue). The main content area has a blue background with faint math icons. A white form titled "Enter your details" is centered. It includes the text "Logging into Swindon Academy. Not your school?". The form has input fields for "First name" and "Last name". Below these are three dropdown menus for date selection, with the first showing "1", the second "January", and the third "2016". Each dropdown has a "What's this for?" link. A blue "Next" button is at the bottom of the form.

Enter your name and date of birth

Hegarty will ask you to enter a password of your choice

You will then be logged in and able to view the tasks that have been set by your maths teacher.

Year 7- SPARX:

**Maths.
Reimagined.**

You will need to be able to access SPARX

You will have already done this

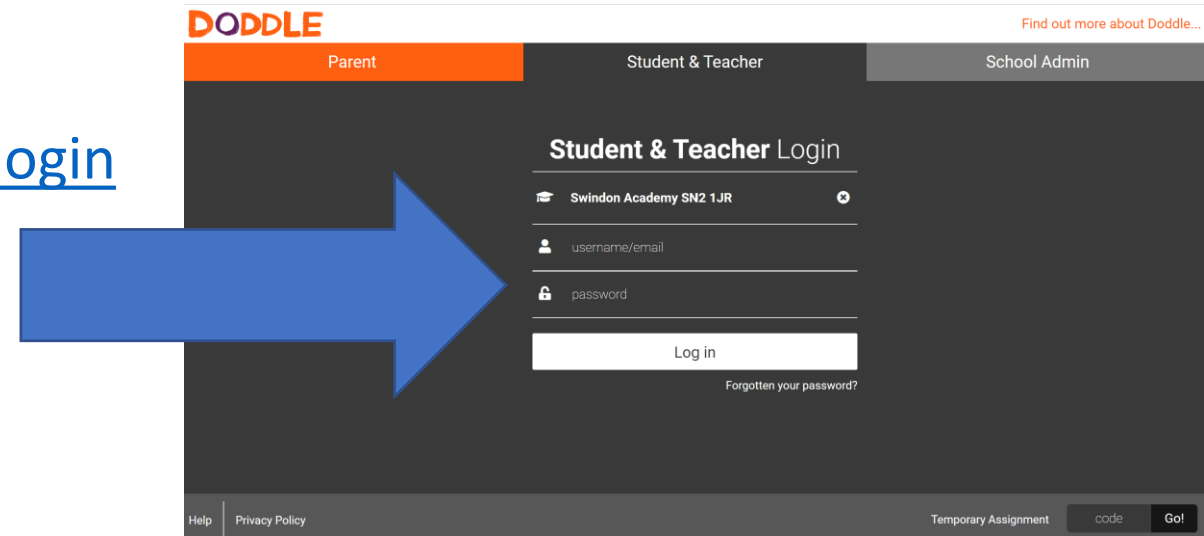
If you can't log into SPARX – **USE THE I NEED HELP WITH FEATURE ON E-PRAISE.**

FORGOT YOUR PASSWORD USE THE 'I
NEED HELP WITH BUTTON ON EPRAISE'
OR MESSAGE YOUR MATHS TEACHER
DURING YOUR LESSON.

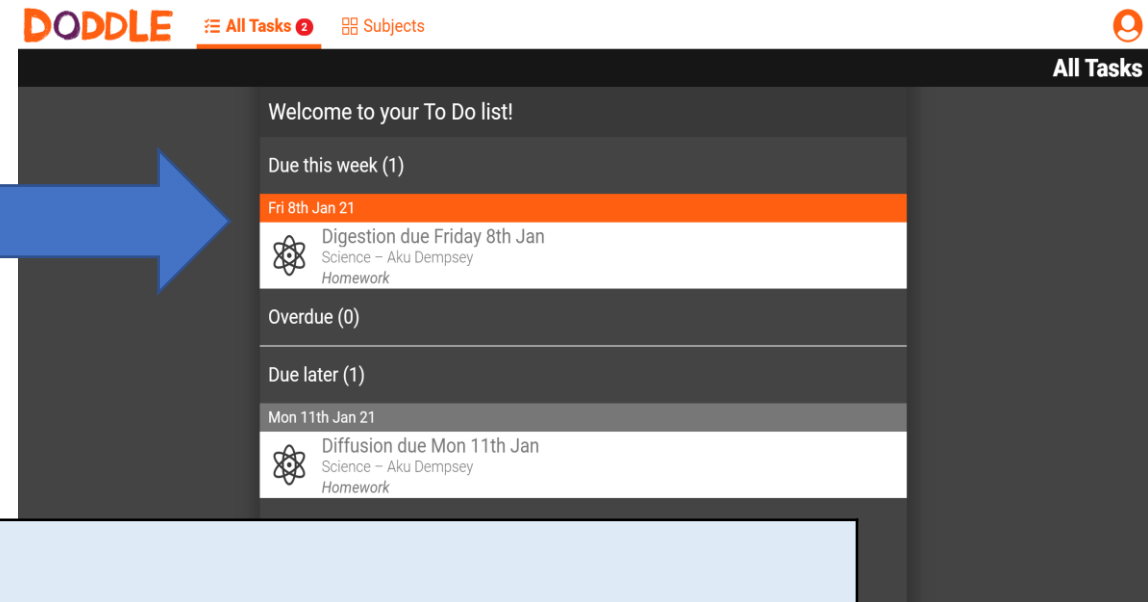
sparx

Science prep on Doodle (KS3)

1. Log in at <https://www.doddlelearn.co.uk/app/login>
 - Select your school Swindon Academy SN2 1JR
 - Your username follows the following format:
 - Year 7: NameSurname20 e.g. PerrieEdwards20
 - Year 8: NameSurname19 e.g. JadeThirlwall19
 - Year 9: NameSurname18 e.g. Leigh-annePinnock18
 - If it is your first time logging in, your password is password.
 - If you can't log in please message your science teacher on epraise.



2. You will see the quizzes due this week and due later. Click on the quiz to access it.
3. Don't forget to press Submit when you're done!



Please write your username in Box 6 on Page 4.



Bedrock

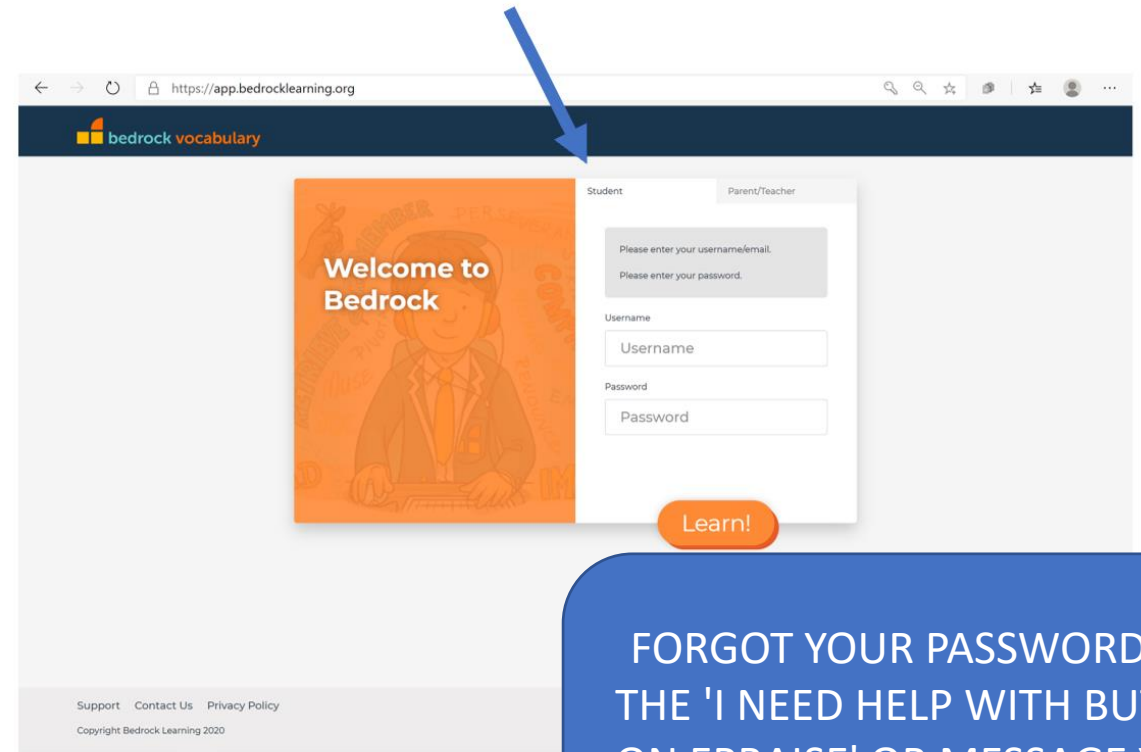
Please work through the following steps to log into Bedrock.



1. Open a **GOOGLE CHROME BROWSER**. Bedrock will not work properly on other browsers. This is important if you are using an iPhone or Apple product as the Safari browser will not work correctly. You can download the **GOOGLE CHROME** browser for free from the app store.



2. Go to <https://app.bedrocklearning.org>. Make sure you are on the student tab (Not the teacher tab).



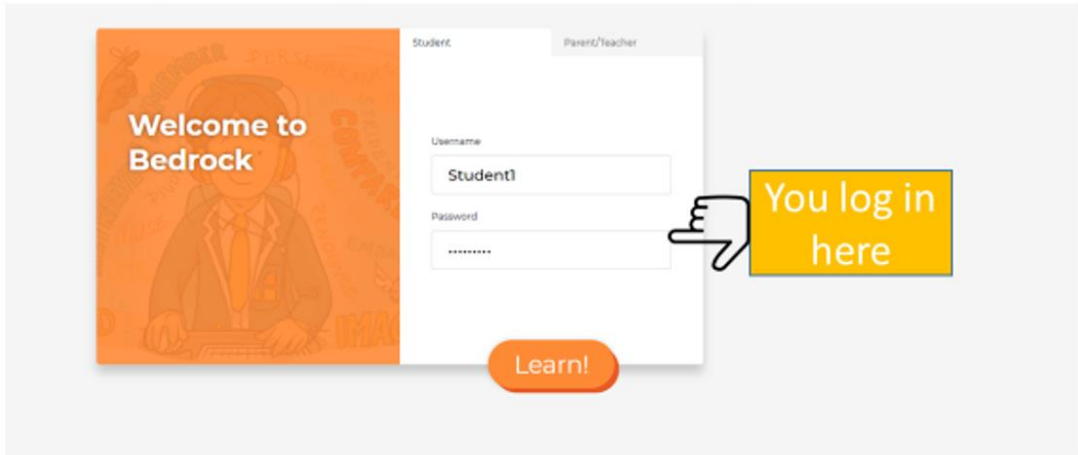
FORGOT YOUR PASSWORD USE THE 'I NEED HELP WITH' OR MESSAGE YOUR ENGLISH TEACHER DURING YOUR LESSON.

Bedrock

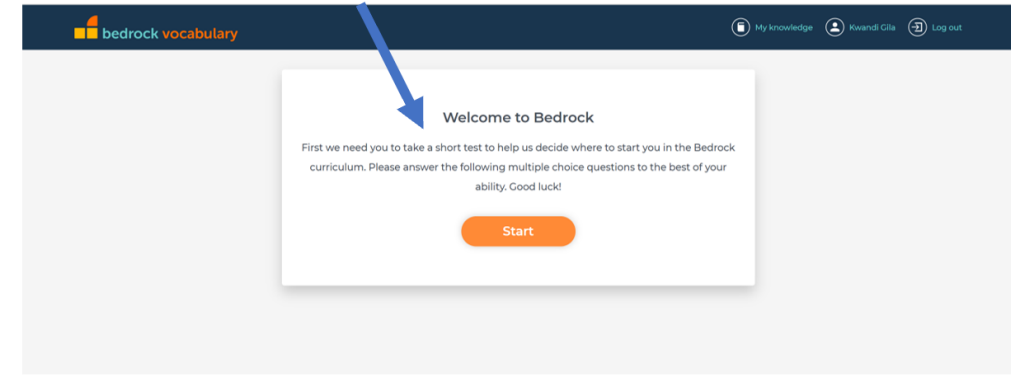
Please work through the following steps to log into Bedrock.



- 3. Type in your username and password. Make sure to type it in exactly. You must put in the capital letters in the correct place.



- 4. The first time you log in there will be a short test to assign you to the correct level. Make sure you answer all questions the best you can.

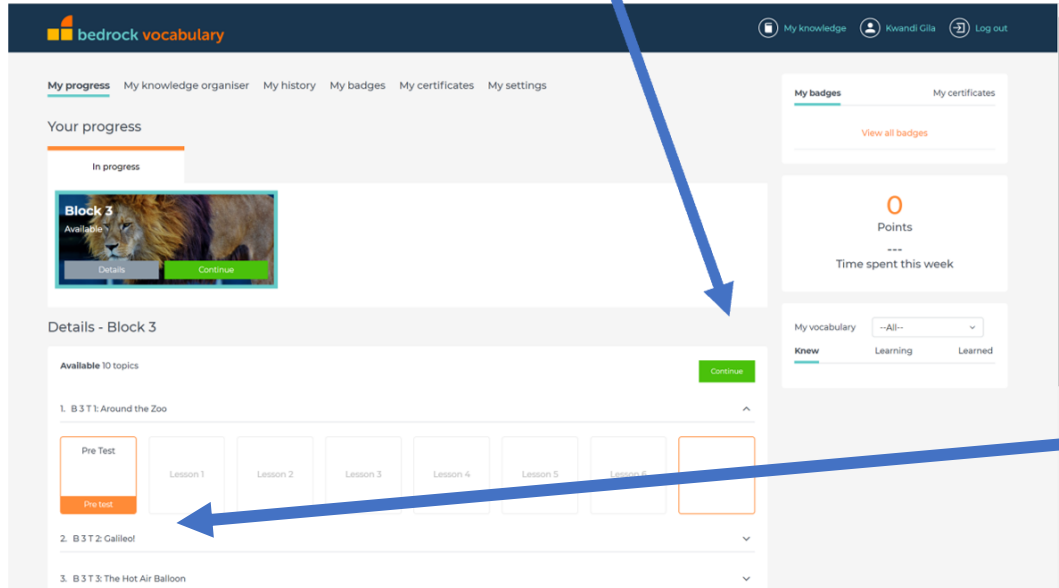


Bedrock

Please work through the following steps to log into Bedrock.



5. You will then be assigned a block of words to learn. It usually takes a year to complete a block of words. There will be short topics to complete. Click on the green continue learning button to carry on your learning each time you log in.



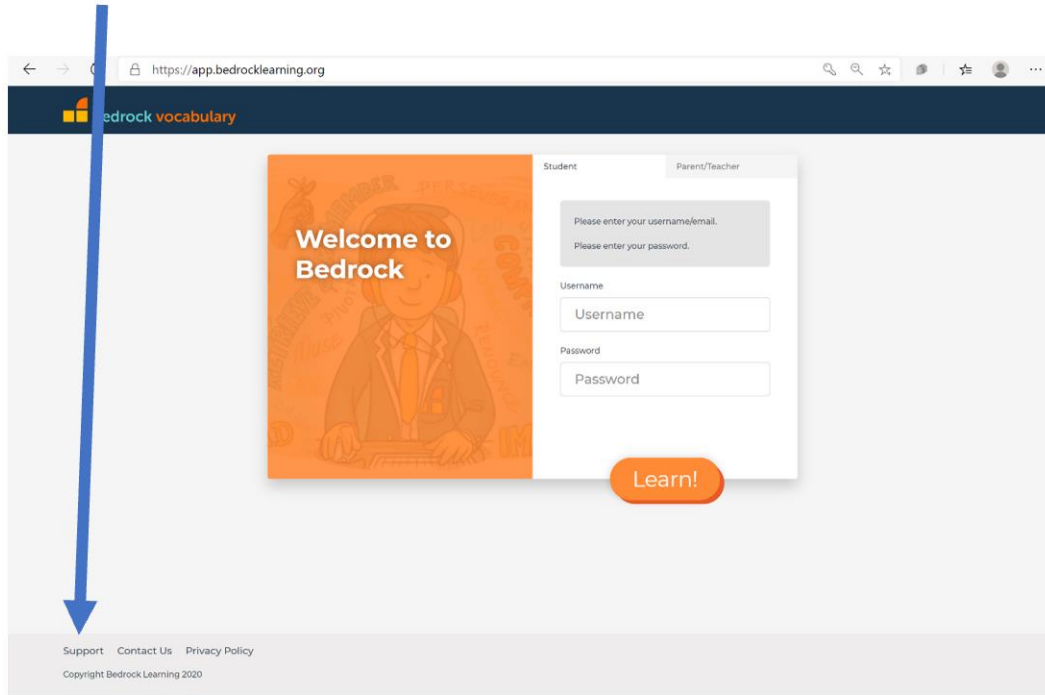
6. You will do short tests at the start and end of a topic. You will do these in addition to your lessons. You must do two lessons a week every week during term time plus any tests. This means some weeks you have more Bedrock work to do than other weeks. You can always do more than the minimum target.

Bedrock

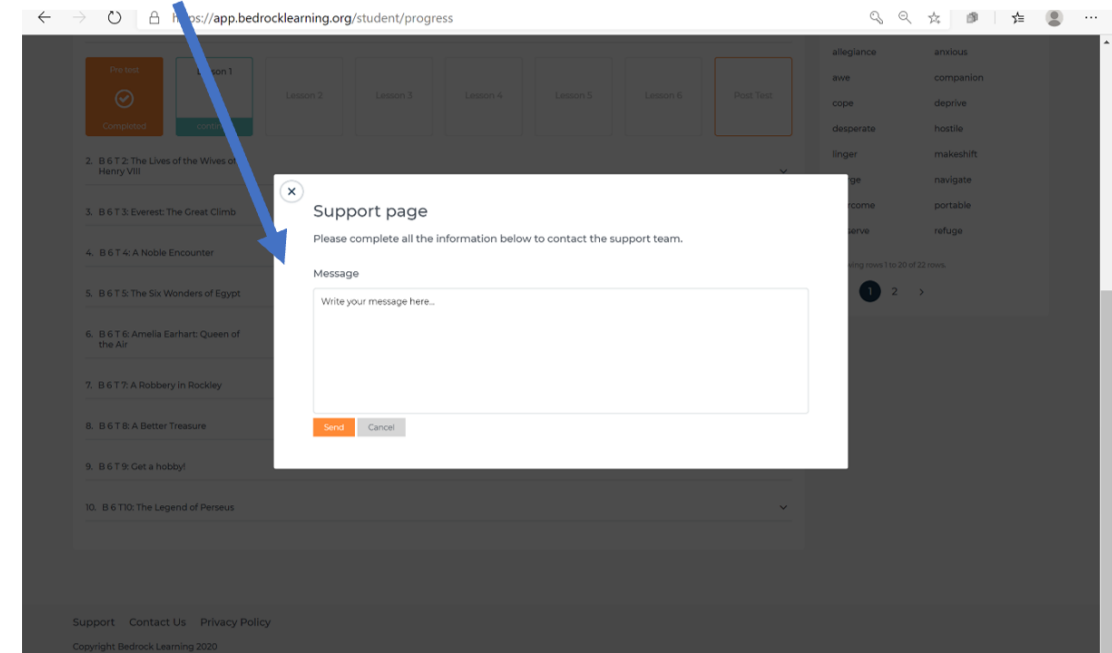
Please work through the following steps to log into Bedrock.



7. If you need support or if Bedrock is not working for any reason. You must click on the support button on the bottom of the page. This is the quickest way to get support.



8. Type in the issues and press send. You teacher will get a reply for you and your problem will be fixed as soon as possible.



Accelerated Reader– Login



Please work through the following steps to log into Accelerated Reader.

Go to the Accelerated Reader website:

<https://ukhosted34.renlearn.co.uk/1985432/Public/RPM/Login/Login.aspx?srcID=s>

Please note that you cannot just Google 'Accelerated reader' to get to this page as this link is specific to Swindon Academy.

You will also have a daily reading reminder in your notes section of epraise which will have the link for you to click to go directly to the correct page.

A screenshot of the Accelerated Reader login page. The browser address bar shows the URL: ukhosted34.renlearn.co.uk/1985432/Public/RPM/Login/Login.aspx?srcID=s. The page has a dark blue header with the word 'RENAISSANCE' in white. Below the header is a blue-tinted image of students in a classroom. The word 'Student' is displayed in white on the right side of the image. There are two white input fields: 'User Name' and 'Password'. Below these fields is a white button with the text 'Log In' and a right-pointing arrow. At the bottom of the page, there are two links: 'Change Your Role' and 'Forgot Your User Name?'. A blue speech bubble with white text is overlaid on the bottom left of the screenshot, containing the text: 'FORGOT YOUR PASSWORD USE THE 'I NEED HELP WITH BUTTON ON EPRAISE' OR MESSAGE YOUR ENGLISH TEACHER DURING YOUR LESSON.'

Accelerated Reader– Login



Please work through the following steps to log into Accelerated Reader.

Your **username** is the first letter of your first name and the first 4 letters of your surname.

Example:

Student's name: **J**ohn **S**mith

Student's login: jsmit

Password:

abc

Do not change your password.

If the name at the top is not your name, log out and try logging in again with 1 after your username (e.g. jsmit1). If this is also not you, try again with a 2 after your username (e.g. jsmit2).



After you log in, check the top-right of the screen to make sure it's your name. Your points won't be logged correctly if you are not in your own account.

Please write your username and password in Box 7 on Page 4.

Accelerated Reader– Book Quiz



Please work through the following steps to take a quiz on your finished book.

Once logged in, use the orange 'Accelerated Reader' button to take a quiz on a book you have finished reading.

There will be a search bar. You can search from the title of your book, but sometimes the cover of the book you have is not the same as the cover shown on the screen, or there can be several different versions of the book.

The easiest way to find the exact quiz for your book is to type the book quiz number into the search bar. That way, you can be sure to get the right quiz every time.

You only need to take the reading practice quiz, but you can try the other quizzes if you like. Remember, when taking your quizzes, you should not be going back into the books to look for answers.

A screenshot of the Accelerated Reader interface. At the top, there is a dark grey bar with the word "RENAISSANCE" in white. Below this is a light grey bar with the word "Home" in black. In the center, there are two buttons: a blue one with a white compass icon labeled "Star Reading" and an orange one with a white Accelerated Reader logo labeled "Accelerated Reader". To the right of the buttons is a book cover for "Billionaire Boy" by David Walliams. The cover is blue and features a cartoon boy with red hair and a white shirt, surrounded by falling money. A yellow starburst on the cover contains the quote: "a triumphant mix of wit and warmth" from the Telegraph. Below the book cover, a white box displays the book's details: "219982 Billionaire Boy", "Walliams, David", "B.L.: 4.1", and "Points: 4.0". Two blue arrows point from the text on the left to the "Accelerated Reader" button and the book details box.

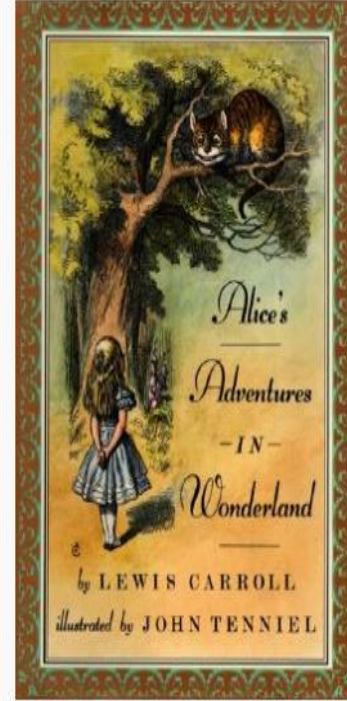
Accelerated Reader– Book Quiz



Please work through the following steps to take a quiz on your finished book.

After you have finished the quiz, you will see a screen that will let you know your results. You should make a note of how many points you earned from the book.

You need to pass with at least 60% to get some of the available points, and with 100% to get all available points.



Alice's Adventures in Wonderland/Alice in Wonderland
by Lewis Carroll

Quiz: 209674 EN Level: 7.4 MY Points: 5

 You passed this quiz.
10 of 10 correct



% Correct	Points	Words Read
100	5	26,435

[Close](#)

Swindon Academy Knowledge Organisers

For every term in Years 7, 8 and 9, the content for each subject has been broken down into a **Knowledge Organiser**. All of the Knowledge Organisers have been collated into a **booklet** which each student receives. These booklets support the students with their revision and classwork.

Term 3

[Year 7 Standard Knowledge Organiser 2020-21](#)

[Year 7 Grammar Stream Knowledge Organiser 2020 - 21](#)

[Year 7 Alternative Curriculum Knowledge Organiser 2020 - 21](#)

[Year 8 Standard Knowledge Organiser 2020-21](#)

[Year 8 Grammar Stream Knowledge Organiser 2020 - 21](#)

[Year 8 Alternative Curriculum Knowledge Organiser 2020 - 21](#)

[Year 9 Standard Knowledge Organiser 2020-21](#)

[Year 9 Grammar Stream Knowledge Organiser 2020 - 21](#)

[Year 9 Alternative Curriculum Knowledge Organiser 2020 - 21](#)

Year 8 – Alternative Curriculum Knowledge Organisers



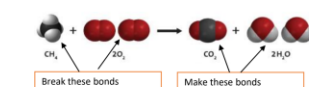

Term 3

Swindon Academy 2020-21	
Name:	
Tutor Group:	
Tutor & Room:	

"If you are not willing to learn, no one can help you.
If you are determined to learn, no one can stop you."



Year 9 Term 1 Science/Chemistry : Topic CE Energetics and Rates

What we are learning this term: A. Types of reaction B. Catalysts C. Energy in Reactions	A. What is Combustion? A chemical reaction where a fuel reacts with oxygen to make carbon dioxide and water Does a combustion reaction give out energy, or take in energy from its surroundings? Combustion is a exothermic reaction- It gives energy into the surroundings. Because combustion is exothermic, it means bonds are being made Examples: methane + oxygen → carbon dioxide + water $CH_4 + 2O_2 \rightarrow CO_2 + 2H_2O$
5 Key Words for this term 1. Decomposition 2. Oxidation 3. Exothermic 4. Endothermic 5. Displacement	
A. What is a chemical reaction? The breaking of bonds in reactants and making of bonds to for products. A new substance is formed	A. What is oxidation? Oxidation is a chemical reaction where an element or compound reacts with oxygen Does an oxidation reaction give out energy, or take in energy from its surroundings? Oxidation reactions are mostly exothermic reactions- giving energy to the surrounding. Because oxidation reactions are exothermic, it means that bonds are being made. Examples: Magnesium + Oxygen → Magnesium Oxide $Mg + Oxygen \rightarrow MgO$
A. What is Thermal Decomposition? Thermal decomposition is a chemical reaction where heat is used to break down a substance. Does a thermal decomposition reaction give out energy, or take in energy from its surroundings? Thermal decomposition is an endothermic reaction - it takes in energy. Because thermal decomposition is endothermic, it means bonds are being broken. Examples: Zinc Carbonate → Zinc Oxide + Carbon dioxide $ZnCO_3 \rightarrow ZnO + CO_2$	
$ZnCO_3 \rightarrow ZnO + CO_2$	
Magnesium carbonate → Magnesium Oxide + Carbon dioxide $MgCO_3 \rightarrow MgO + CO_2$	
