

YEAR 10

Weeks commencing 6th and 13th June 2022

Subject

Lesson and Resources

Notes / Extension Task

CORE SUBJECTS

**MATHS
HIGHER
(Sets 1 & 2)**

Lesson 1

What is a surd? **HM: 111**
Multiplying and Dividing Surds **HM: 113 and 114**
Simplifying Surds **HM: 115**

Lesson 2

Expanding Brackets with surds **HM: 116 and 117**
[Mixed Surds Practice](#) (Questions 1 – 15)

Lesson 3

Rationalising the denominator **HM: 118 and 119**
[Mixed Surds Practice](#) (Question 16 onwards)

Lesson 4

[Surds Exam Practice](#)
[Surds Exam Practice - ANSWERS](#)

Lesson 5 and 6

Use your remaining lessons this week to revise for your End Of Year Maths Assessment.
There is a topic list uploaded to Arbor with a full list of the topics and their matching Hegarty clips.
There is also a past exam paper uploaded to Arbor with a markscheme.

Notes:

Where relevant, find the Hegarty Task using the search bar.

 Search HegartyMaths

You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question.

Extension Tasks:

Continue with your assessment revision

MATHS FOUNDATION SETS 3, 4, 5	<u>Lesson 1</u> Pie Charts HM: 427 - 429 Drawing Pie Charts	Notes: Where relevant, find the Hegarty Task using the search bar. <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0;"> <input type="text" value="Search HegartyMaths"/> </div> <p>You will need to watch the video before you attempt the questions. You can use the 'Get Help' button if you are struggling with a question.</p> <p><u>Extension Tasks:</u> Continue with your assessment revision</p>
	<u>Lesson 2</u> Pictograms HM: 426 Frequency Polygons HM: 441 Frequency Polygons Practice	
	<u>Lesson 3</u> Scatter Graphs HM: 453, 454 Scatter Graphs Practice	
	<u>Lesson 4</u> Statistics Revision: Scatter Graphs Pie Charts Averages	
	<u>Lesson 5 and 6</u> Use your remaining lessons this week to revise for your End Of Year Maths Assessment. There is a topic list uploaded to Arbor with a full list of the topics and their matching Hegarty clips. There is also a past exam paper uploaded to Arbor with a markscheme.	

SCIENCE (CMB)	IVE: Inheritance https://classroom.thenational.academy/lessons/meiosis-and-fertilisation-60u3ed	Use Seneca to do the independent learning task in Biology Inheritance, variation and evolution – KS 4 combined science
	Meiosis and Mitosis https://classroom.thenational.academy/lessons/meiosis-and-fertilisation-60u3ed	
	Sexual V asexual reproduction https://classroom.thenational.academy/lessons/sexual-vs-asexual-reproduction-ccr64t	
	Genes, DNA and Chromosomes https://classroom.thenational.academy/lessons/genes-dna-and-chromosomes-71gk6d	
SCIENCE (DWD)	Rate of Reaction https://classroom.thenational.academy/lessons/rate-of-reaction-68uk8t	Use Seneca to do the independent learning task in Chemistry-Rates of reaction – KS 4 combined science
	Collision Theory https://classroom.thenational.academy/lessons/collision-theory-6hjk4c	
	Planning an investigation in to rates of reaction https://classroom.thenational.academy/lessons/planning-an-investigation-to-find-rate-of-reaction-chj64c	
	Rate of Reaction Investigation https://classroom.thenational.academy/lessons/rate-of-reaction-required-practical-part-1-60tp4t	

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FOUNDATION SUBJECTS

COMPUTER SCIENCE

Lesson 1
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 1](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%201)

Lesson 2
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 2](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%202)

Lesson 3
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 3](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%203)

Lesson 4
[https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021 22/Year 10 Computer Science/Continuation of learning Lesson 4](https://regisschool.sharepoint.com/sites/studentshare/Documents/Subjects/Computing/2021%2022/Year%2010%20Computer%20Science/Continuation%20of%20learning%20Lesson%204)

Notes:
Make notes from the PowerPoint. Complete the Knowitall Ninja quiz at the end.

Extension task:
Review all Knowitall Ninja questions.

FRENCH

Here are the exam themes:






- 1) Identity and Culture
- 2) Local Area and Holidays
- 3) School
- 4) Future Plans
- 5) Global Issues and Events

Here are BBC Bitesize links to the topic we are studying at the

- Notes:**
1. Watch the video on Bitesize and complete the activities.
 2. Make a note of any new words in French and English
 3. Choose a Quizlet set related to those words, and revise that.
 4. Go to the student P drive and choose a revision resource.

	<p>moment:</p> <ul style="list-style-type: none"> - T4: Ambitions in French - T4: Work in French <p>All revision resources are in this folder on the Student (P) Drive: CLICK HERE</p>	<p>Quizlet - Join your Year 10 French group here: 10A/FR1 – https://quizlet.com/join/EjadrWh3S</p> <p>10D/FR1 - https://quizlet.com/join/xyZvvNUY</p> <p>1. Active Learn. Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.</p>
GERMAN	<p>Here are the exam themes:</p> <ol style="list-style-type: none"> 1) Identity and Culture 2) Local Area and Holidays 3) School 4) Future Plans 5) Global Issues and Events <p>Here are BBC Bitesize links to the topic we are studying at the moment:</p> <ul style="list-style-type: none"> - T2: Home - T2: Using wohnen <p>To revise a different topic from the past, here are BBC Bitesize links to every topic: CLICK HERE</p> <p>All revision resources are in this folder on the Student (P) Drive: CLICK HERE</p>	<p>Notes:</p> <ol style="list-style-type: none"> 1. Watch the video on Bitesize and complete the activities. 2. Make a note of any new words in German and English 3. Choose a Quizlet set related to those words, and revise that. 4. Go to the student P drive and choose a revision resource. <p>Quizlet - Join your Year 10 German group here: 10B/GE1 - https://quizlet.com/join/ZjEBhWRDb 10C/GE1 - https://quizlet.com/join/ccCc6v78w 10D/GE1 - https://quizlet.com/join/Nsgm7xnDX</p> <p>Active Learn - Go to https://www.pearsonactivelearn.com/app/Home Your username is your Regis School email. Your password is Tr5Reset20 Complete set tasks.</p>

IT BTEC	Lesson 1 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 1	Notes: Use the link to get to the lesson resources. You are working on this section of the coursework. Complete for homework. Extension task: Review all Knowitall Ninja questions.
	Lesson 2 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 2	
	Lesson 3 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 3	
	Lesson 4 \\regisschool.sharepoint.com@SSL\DavWWWRoot\sites\studentshare\Documents\Subjects\Computing\2021 22\Year 10 Btec\Continuation of learning Lesson 4	
MUSIC	Please contact Mrs Boyes tracey.boyes@theregisschool.co.uk	
PHYSICAL EDUCATION BTEC	Revisit knowledge from your SPs. Unstructured non teacher set work for the year 10s would be from their SPs. Teachers will email specific students missing from their class or email your teacher for guidance.	Please email your class teacher to request work. Your teacher will set you work that is bespoke to the unit you are currently covering in lesson. Email address are below for ease. Mr Purgavie Benjamin.Purgavie@theregisschool.co.uk Miss Buckingham Emily.Buckingham@theregisschool.co.uk Mrs Lovelock Jennifer.Lovelock@theregisschool.co.uk Mr Thompson Rhys.Thompson@theregisschool.co.uk Mr Manvell Daniel.Manvell@theregisschool.co.uk Mr Parkinson Samuel.Parkinson@theregisschool.co.uk

PRODUCT DESIGN	<p><u>Lesson 1</u> Smart Materials, Review the Smart Materials PowerPoint and class information. Use you SPP to add notes to the PowerPoint. Answer the questions at the end and the class handout attached here.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Smart materials.pptx </div> <div style="text-align: center;">  Smart Materials class info.pub </div> <div style="text-align: center;">  question hand out.pub </div> </div>	
	<p><u>Lesson 2</u> Watch these video clips. Use your previous notes and the PowerPoint to print and answer the questions attached. https://www.youtube.com/watch?v=X1MXHkubYlg https://www.youtube.com/watch?v=ggQjmN3N92w https://www.youtube.com/watch?v=zAJS9_Mg5jY</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  smart materials exam question.pub </div> <div style="text-align: center;">  smart materials exam question.pdf </div> </div>	<p>You can take a picture and send it to your teacher for feedback or clarification about your answers</p>
	<p><u>Lesson 3</u> One of your NEA subject could be caring for animals.</p> <p>Task 1. Watch this video: https://www.youtube.com/watch?v=cO0gVR9L480</p> <p>Task 2. Use the following headers to build a detailed mind map to explore the context of caring for animals.</p> <ul style="list-style-type: none"> • Pets need healthy food. ... • Give your pets 24/7 access to fresh drinking water. ... • Proper pet care includes providing a safe, cozy shelter. ... • Pets need to go to the bathroom regularly. ... • Make sure that your pet gets regular exercise. ... 	

