

Subject	Guidance for Accessing Remote Learning
ACE	<p>Use this time to explore a topic beyond the school curriculum by completing a free MOOC (Massive Online Open Course) from Future Learn https://www.futurelearn.com/</p> <p>You can complete a course run by a range of leading universities in almost any topic on the planet and can download/print a certificate when you complete the programme.</p> <p>Attempt one of the two questions on the ACE programme remote learning sheet. Should you like to write your own question, please run it by Mr Ashdown.</p> <p>Below are a selection of enquiry questions you may choose to research and answer. These tasks are designed to CHALLENGE you and to help you develop important transferrable skills as you research relevant, reliable sources to present your opinion and evaluate the facts.</p> <ul style="list-style-type: none"> • How has Disney influenced modern society? • Has technology changed sport for the better? <p>Alternatively, students may devise their own question and submit it to Mr Ashdown for approval (RAs@goffs.herts.sch.uk). Answers must include arguments for and against the line of enquiry.</p> <p><u>Structure</u></p> <ul style="list-style-type: none"> • You must present your work with a RANGE of relevant research - do not just look at the first website on Google! • Ensure your work is supported by facts, not unfounded opinions. You can include opinions from reputable websites to back up your own ideas • Use a PEEL (point>evidence>explanation>link) structure to ensure your points are relevant and well substantiated • You should reference any websites you use at the bottom of your work, using footnotes. For example: <ul style="list-style-type: none"> ○ We want our students to grow as individuals with ambition, resilience and courage (1). <u>Reference</u> 1. https://www.goffs.herts.sch.uk/251/school-vision-and-ethos • Remember to explore both sides of the argument in your answer • Finish with a conclusion that summarises your findings and gives a clear indication of which side of the argument you agree with most (no sitting on the fence!)

Marking

Your answers will be graded according to the list below:

Distinction * - You will be rewarded an R5

- Outstanding knowledge and understanding
- Outstanding research
- Outstanding analysis/evaluation and/or discussion/explanation/development
- Outstanding, balanced arguments
- Outstanding structure throughout
- Accurate use of SPAG

Distinction - You will be rewarded an R4

- Very good knowledge and understanding
- Very good research
- Very good analysis/evaluation and/or discussion/explanation/development
- Very good, balanced arguments
- Very good structure throughout
- Accurate use of SPAG

Merit - You will be rewarded an R3

- Good knowledge and understanding
- Good research
- Good analysis/evaluation and/or discussion/explanation/development
- Good, balanced arguments
- Good structure throughout
- Some accurate use of SPAG

Pass - You will be rewarded an R2

- Satisfactory knowledge and understanding
- Satisfactory research
- Satisfactory analysis/evaluation and/or discussion/explanation/development
- Satisfactory, balanced arguments
- Satisfactory structure throughout
- Satisfactory use of SPAG

Art

TBR: All book work from classwork should now be completed.

New Assignment – Everyday Objects

Task 1 on sheet should now be completed.

Students should now be working on second artist of Task 2.

Task 2: Artist Research (AO1) Each artist should take 1 – 2 hours (4 hours in total) – students should now be on their second artist.

Choose 1 specific category from Food & Drink, Household Objects and Interiors.

- Pick 2 artists to explore.
- Find 6 images of relevant works by the artist (if you don't have colour printing facilities, save them to print later)
- Choose one image by each artist and ask the following questions:

SUBJECT: What is happening in the piece; what is it of; what does it depict?

Is it in a portrait, landscape or square format?

What is the theme of the work?

ELEMENT: This means looking at the formal elements of the artwork – line, tone, shape, form, colour, texture etc.

What colours has the artist used? Is there a specific way the colours are organised? (primary, secondary etc)

What sorts of shapes/forms have been used?

Are there marks, textures on the piece? If so, what are they like? How would you describe them?

MEDIA: What material/s have been used to create the work?

What tools has the artist used to create the work?

Can you find out anything that the artist does in the process of making their work?

INTENTION: What can you find out about the artist?

How does the work relate to other work made around the same time? Is it linked to a particular movement in art?

Does the work have any relation to social/political history of its time?

Can you link the work to other arts of the period, such as film, music or literature?

How does the work make you feel? What do you like about it?

Why do you think you feel like this?

Does the colour, texture, form, or theme of the work effect your own mood when you look at it?

Does the work create an atmosphere?

Business	<p>Year 10's are going to read an article on Amazon and Alexa. They need to answer the accompanying questions on the worksheet. This has been placed on Doodle.</p> <p>Year 10's will be given an assessment based on the topic areas they have covered so far. They have been told the subsections they will be assessed on and this has been placed on Doodle.</p>
Careers	<p>Preparing for the World of Work</p> <ul style="list-style-type: none"> • Use KUDOS to research the career that you are interested in going into (password stepwork05) • Use the feedback from you 1:1 mock interview to improve your CV • Re-write your CV using feedback and in readiness for your work experience placement <p>Resources - on Doodle: KUDOS website: https://kudos.cascaid.co.uk/#/ KUDOS website information for parents: https://www.cascaid.co.uk/wp-content/uploads/2019/09/Parents-Guide-eBook-V3.pdf Your Career and Personal Development during COVID 19 sheet https://goffs.s3.amazonaws.com/uploads/document/Your-career-and-personal-development-during-Covid-19.pdf?t=1588241945?ts=1588241945 Mock Interview questions sheet CV template sheet</p>
Childcare	<p>I have been in close contact with the students this week to support the submission of Unit 3. Some will be continuing the final amendments alongside starting the next unit.</p> <p>This week, students will have access to the introduction PowerPoint to Unit 2 – ‘Promoting Children’s Development Through Play’ There are a range of activities and questions to answer throughout the PowerPoint.</p>
Drama	<p>Students will be set some exam style questions on set text Blood Brothers, which will be in preparation for their written exam.</p>
Economics	<p>All Economics students will be writing a report on the effects of COVID-19/ the Corona virus on the main economic groups. The instructions and structure will be placed on Doodle. In addition to this, extension tasks have been placed on Doodle.</p>
English	<p>Assessment week: students will be set an assessment based on their remote learning this term.</p> <p>Students will be introduced to some other writers eg. Charles Dickens, Mary Shelley, Edgar Allen Poe. Gothic and Dystopian writing with language activities, reading and writing, similar to Language paper 1 tasks.</p>

	<p>Year 10 have covered the GCSE Literature topics, ie Blood Brothers, A Christmas Carol, Power & Conflict poetry and touched on unseen poems. They have studied these texts in school with their class teachers. It is imperative that all consolidation and revision tasks that are set on Doodle are completed.</p> <p>As well as the work set on Doodle, students can make revision posters, cue cards, leaflets ensuring they include key quotes, characters, key contextual factors, writer's ideas/intentions/messages, key themes, motifs and symbols. BBC Bitesize, Seneca and GCSE Pod are useful websites for students to use when creating their material. Students have been introduced to Mr Bruff, who analyses all the Literature texts on Youtube.</p> <p>Low-stakes quizzes will be set on Literature this week</p> <p>Consolidate Literature studied so far: Finish Power and Conflict poetry and make revision resources Unseen poetry A Christmas Carol English Language paper 1 Revisit Blood Brothers</p>
Enterprise BTEC	<p>Year 10's are working on Component 2. The task sheet for this has been placed on Doodle. Students have been working on this in lessons. Students are still working on Component 2.</p>
Food	<p>Part 4 mock NEA 2 skills trials.</p>
French	<p>Topic: Looking for a job</p> <p>Tasks:</p> <ol style="list-style-type: none"> 1. Go through the assigned presentation on Doodle and complete the quizzes. 2. Complete the assigned tasks on www.languagenut.com Students have been given individual log-in details. <p>The Vocabulary booklet is attached on Doodle to help you p23</p> <p>Independent work: https://quizlet.com/gb/267394053/121f-comment-obtenir-un-emploi-flash-cards/ www.linguascope.co.uk (username: goffs password: 20twenty)Click on Intermediate- Stages & Jobs</p>
Geography	<p>All work will be set on Doodle.</p>

	<p>Topic: Urban Issues and Challenges (Recap of information from the start of year 9)</p> <p>Pupils need to complete the booklet which is uploaded to Doodle. This is all of the content for a topic which was learnt at the start of year 9. Pupils should have a good knowledge of this content already. Any new content will be continued once we return to school.</p> <p>If your child has a CGP revision guide they can use this to guide them on the information they need.</p> <p>They can also use this website:</p> <p>General: http://www.coolgeography.co.uk/gcsen/Global_Patterns_Urban_Change.php http://www.coolgeography.co.uk/gcsen/Factors_Affecting_Urbanisation.php</p> <p>Lagos: http://www.coolgeography.co.uk/gcsen/Location_Importance_Lagos.php http://www.coolgeography.co.uk/gcsen/Lagos_Causes_Growth.php http://www.coolgeography.co.uk/gcsen/Lagos_Opportunities.php http://www.coolgeography.co.uk/gcsen/Lagos_Challenges.php http://www.coolgeography.co.uk/gcsen/Lagos_Urban_Planning.php</p> <p>London: http://www.coolgeography.co.uk/gcsen/London_Location_Importance.php http://www.coolgeography.co.uk/gcsen/London_Growth.php http://www.coolgeography.co.uk/gcsen/London_Opportunities.php http://www.coolgeography.co.uk/gcsen/London_Challenges.php http://www.coolgeography.co.uk/gcsen/London_Regeneration.php</p> <p>Please email mty@goffs.herts.sch.uk with any queries regarding this work.</p>
<p>Health and Social Care</p>	<p>Students are continuing with their 'Coping with Life' Assignment. This week they need to identify and explain how and why their selected individuals adapted to their life event using the support they received.</p> <p>This section will add to the section they have just completed.</p>
<p>History</p>	<p><u>Weimar and Nazi Germany (Edexcel, Paper 3)</u> Revisit Paper 1 (Medicine Through time)- Revising Medieval Medicine</p>

	<p>Lesson 5- Black Death Q Lesson 4- Change and continuity</p> <p>For all lessons, students to work through the PowerPoints on Doodle. Guidance on how to revise will also be set on Doodle.</p> <p>Helpful website links: https://www.youtube.com/watch?v=OptEth-pPnc</p>
<p>ICT/Computing</p>	<p>Computing: Use Solo Learn app to practice Python and they should be using the PowerPoint to learn the content and completing the worksheet as well as the home work sheet for each topic. The student should also use the answer sheets to check their work. They should have completed up to ocr J276 Unit 5 algorithms- L5 Developing algorithms using pseudocode and L6 Interpret, correct or complete algorithms attached on doodle by the end of this week.</p> <p>ICT: Students will be given component 3 theory work to complete on doodle. They should complete 3 topics a fortnight as they would have 3 lessons a fortnight. This week they should be doing the work Pack C Implications of digital systems- Topic 1 - Shared data and Topic 2 - Environmental issues</p> <p>Students should complete all the worksheets and home learning sheets that go with each topic. Students should be making revision notes for each topic as well. Their exam will be in February of Year 11.</p>
<p>Italian</p>	<p>Current topics:</p> <ul style="list-style-type: none"> • Marriage: pros and cons <p>Tasks to complete:</p> <ul style="list-style-type: none"> • Complete tasks to develop vocabulary to talk about pros and cons of a marriage (document on Doodle) • Practise listening skills on the topic of marriage on www.thisislanguages.com (tasks assigned on the website) <p>Independent work:</p> <ul style="list-style-type: none"> • Continue working on the Language Immersion Challenge (document on Doodle).
<p>Literacy</p>	<p><u>Responsive Reading</u></p> <p><i>*students should be reading for 2 hours every week in order to continue improving their literacy levels and not fall behind. Links below can be found to the Goffs Academy reading lists and websites to help complete the responsive reading activities. Students have been emailed booklets</i></p>

	<p><i>to their student email address (ideally needs to be opened on laptop or computer as the file is quite large. Can be completely digitally to save printing if easier.</i></p> <p>Students complete week 6 on ‘Responsive Reading Booklet’ [on doddle] Students to read extract from ‘The Curious Incident of the Dog in the Night-time’ answer the questions that follow and complete vocabulary work, defining key quotes and filling in vocabulary booklets.</p> <p>NB: check out the newsletter being sent this week for special mentions for exceptional work and our recommended reads for parents during lockdown!</p> <p>Helpful website links: https://www.goodreads.com/shelf/show/ks3 https://www.goodreads.com/shelf/show/gcse-reading-list https://www.dictionary.com/ https://www.goffs.herts.sch.uk/339/reading-activities</p>
Maths	<p>This week students will be expected to answer some exam questions based on topics they’ve covered this year. The questions will be uploaded onto Doddle.</p> <p>Students need to do one following and then email the work to their teacher:</p> <ul style="list-style-type: none"> • Print out the sheet, write your working out and answers on the sheet and then either scan it in or take pictures of the pages. • Have the questions on the screen and write the answers in a word document. • If you have access to a tablet you can write the answers straight onto the document. <p>If you do not know your teachers email address then please send the work to aco@goffs.herts.sch.uk and it will be passed on. Please contact us if you have any questions regarding this.</p>
Media BTEC	<p>Topic: Component 1 – Exploring media products</p> <p>Work: Write the first draft of your learning aim B assignment. Use the workbook to help you</p> <p>Links: Students choose their own texts to analyse</p> <p>Documents: Workbook on Doddle</p>
Media Studies	Topic: Representation

	<p>Work: Research blurbs/websites and then write the blurb for your own film/ article for the magazine or website.</p> <p>Links: https://goffsfilmmandmedia.wixsite.com/tips</p> <p>Documents: NEA Workbook Part 6 – Writing the Blurb/Article</p>
Music	<p>Students should spend time selecting a piece and rehearsing for their next SOLO performance assessment.</p> <p>Students should also see Doodle for instructions on how to learn about INDIAN MUSIC for the Rhythm of the World unit. They should work through each exercise and make sure sound is enabled on their computer, as some of them are listening questions.</p>
PE - Core	<p>Youtube clips set on Doodle for home workouts without any equipment (example - https://www.youtube.com/watch?v=m16cT4AZdqj) https://www.youtube.com/watch?v=XIeCMhNWFQQ 30 Day Ab challenge: App Beat the teacher 5K run challenge Assassins Workout Iron man workout</p>
PE - BTEC Dance	<p>Theory: Students must send their coursework booklet to Miss Ball to be marked. Once marked and sent back, students need to complete the corrections that will be sent to them.</p> <p>Practical: Video call another student in your class and use the YouTube link to learn the exact choreography for Cats and Rhythm Nations. https://www.youtube.com/watch?v=OAwaNWGLM0c https://www.youtube.com/watch?v=AiaGOdHU7dk</p>
PE - BTEC Sport	<p>Students are to continue with component C Learning Aim A coursework – the distinction report. The assignment is to complete the word document report on analysing how a good leader can promote physical and psychological health benefits.</p> <p>Students need to send the pass and merit sections to their classroom teacher for marking. Once the work has been sent back, students need to correct this work</p> <p>All guidance PowerPoints have been attached on doodle.</p>
PE - GCSE	<p><u>Participation Levels (Consolidation):</u></p> <ul style="list-style-type: none"> understand how different factors can affect participation, including:

	<ul style="list-style-type: none"> • age • gender • ethnicity • religion/culture • family • education • time/work commitments • cost/disposable income • disability • opportunity/access • discrimination • environment/climate • media coverage • role models • understand strategies which can be used to improve • participation: • promotion • provision • access • be able to apply examples from physical activity/sport to participation issues
<p>Photography</p>	<p>CBW: WORKPACK</p> <p>Continue to work through Photographer studies. Ben Heine and Paperboyo Photography studies Students are to use the work pack and produce a study for each photographer:- Ben Heine and Paperboyo They are to read through the information on both photographers and then are to choose two images of both photographers to write about using the SEMI analysis sheet. Students are then to produce photos inspired by the photographer’s work. Students a can present their work either on a power point or by hand. Students are to analyse and evaluate their work, with the analysis and prompt sheets that are attached to the work pack.</p> <p>Work should be completed by 20/05/20. Please also submit your 30 Day challenge as a PowerPoint.</p>

Product Design	Complete a manufacturing specification for your product. The PPT on Doddle will guide you through this. Along with a manufacturing specification you will produce an orthographic working drawing of your final design. Explanations and examples are on PPT.
Psychology	<p>Social influence – Topic: Revision</p> <p>Students should continue their revision on the social influence topic. For this week I would like students to create their own Knowledge Organiser to summarise the key points in the topic. They can make this on PowerPoint or as a poster. An example from the memory topic (old specification) has been attached for students to get an idea about how this looks and how they can organise it. They can be as creative as they want with this and make it colourful.</p> <p>Review and practice questions will also be attached to Doddle for students to apply their knowledge to exam style questions and test their knowledge.</p> <p>Make Something May (Optional Activity) <i>This is an activity for students to do if they want to spend a bit of time away from the computer and apply the concepts they have learned.</i></p> <ul style="list-style-type: none"> • Fancy dress - create an authoritarian costume for you. • Asch's lines - make your own Asch's lines test cards. Extra- try the study out with your family <p>Useful website for additional information – https://learndojo.org/gcse/aqa-psychology/social-influence/</p> <p>Students can also sign into the online textbook at: https://illuminate.digital/aqapsychgcse/ Username: SGOFFS6 Password: STUDENT6 The textbook (chapter 5) will provide information to complete the tasks</p>
RS/Sociology	<p>Thematic studies home learning booklet/power points which have tasks focused on each specific topic – each task is different ranging from interpretation, analytical, comprehension, creative etc. in order to vary up the activities.</p> <p>Students will be set one 12-mark question to answer and send back to Mr. Bora via the contact details below.</p> <p>Complete electronic copies can be emailed to Ebo@goffs.herts.sch.uk where I will log rewards.</p> <p>Research/Reading:</p>

	<p>REOnline Festivals calendar - https://www.reonline.org.uk/festival-calendar/ - Useful for research on current festivals</p> <p>REOnline - Subject knowledge - https://www.reonline.org.uk/subject-knowledge/ - Reliable info on main religions/worldviews</p> <p>Email a believer (REonline) - http://pof.reonline.org.uk/ - Students can email people on their religious/worldviews</p> <p>Guardian online - Religion - https://www.theguardian.com/world/religion - news/current religious issues</p> <p>BBC Bitesize KS3 - https://www.bbc.co.uk/bitesize/subjects/zh3rkqt</p> <p>BBC Bitesize GCSE - https://www.bbc.co.uk/bitesize/subjects/zb48q6f - Need to select correct exam board</p> <p>Videos:</p> <p>BBC GCSE RS videos - https://drive.google.com/open?id=1rccZolahqH4eFcPM6Nn1KxQ5flZgwD5wgsyrg6oxN0s - Relatively new films from young people from main religions</p> <p>Most BBC RE clips - https://drive.google.com/open?id=17VMuMqZ7JZXFnz-k2M0FEgxQqJbF9A1hUL8igC5eNF - Virtually all RE subject videos organised by series</p> <p>Truetube - https://www.truetube.co.uk/ - Loads of great videos</p> <p>REquest - Christianity - https://request.org.uk/ - Videos and research info</p> <p>The Bible society videos - Christian - https://www.youtube.com/user/biblesocietytv/videos - Videos on some useful concepts in Christianity</p> <p>The Bible project - https://www.youtube.com/user/jointhebibleproject/playlists - Christianity based concepts</p> <p>Revision/Quizzing:</p> <p>Seneca - https://www.senecalearning.com/ - Board specific GCSE content</p> <p>Quizlet - https://quizlet.com/en-gb - You will need to find relevant/reliable pre-made quizzes</p> <p>MrMcMillanREvis - https://www.youtube.com/user/MrMcMillanREvis/playlists - Catholic Christianity revision videos</p>
<p>Science</p>	<p><u>Set 1 only:</u></p> <p>B11 Hormonal coordination</p> <p>C11 Polymers</p> <p>P10 Forces and motion</p> <p><u>All other classes:</u></p> <p>B12 Reproduction</p> <p>C12 The Earth's resources</p> <p>P12 Electromagnetic waves</p> <p>Students will be expected to complete the work assigned by their teacher via doddle.</p> <p>Teachers will set work that indicates when the student would have had that lesson, so they can allocate time appropriately e.g. Mon P1.</p>

	<p>Many resources and links to web sites will be provided by each teacher directly on doddle. In addition to these, the following web sites can be used to support students studying at home:</p> <p>https://www.tassomai.com/ https://www.kerboodle.com/users/login https://www.youtube.com/channel/UCqbOeHaAUXw9II7sBVG3_bw/playlists https://www.senecalearning.com/ https://www.physicsandmathstutor.com/ https://www.goffs.herts.sch.uk/307/subject-information</p>
Spanish	<p>Topic: Looking for a job</p> <p>Tasks:</p> <ol style="list-style-type: none"> 1. Go through the assigned presentation on Doddle and complete the quizzes. 2. Complete the tasks assigned on www.languagenut.com Students have been given individual log-in details. <p>The Vocabulary booklet is attached on Doddle to help you p23-24</p> <p>Independent work: https://quizlet.com/177886931/121-f-buscar-trabajo-flash-cards/ www.linguascope.co.uk (username: goffs password: 20twenty)Click on Intermediate- Prácticas y trabajos</p>
Textiles	<p>This term students would be continuing to create a textiles product based on the task given and completing relevant folder work. If you have access to a sewing machine and you have your work you are more than welcome to continue making- please do so with supervision from a guardian!</p> <p>The exam you will sit at the end of year 11 is worth 50% of the course so I would like you to work towards this over the coming weeks. The following book is recommended by the exam board and covers all of the content required for your exam. Please be aware that the first part of your paper (worth 40%) covers all material areas and the second part (worth 60%) covers Fashion and Textiles. https://www.amazon.co.uk/dp/1292184582/ref=cm_sw_r_em_api_i_c_1agHEb584K7S8 Edexcel GCSE (9-1) Design and Technology Student Book (Edexcel GCSE Design and Technology (9-1)) Paperback – 9 Aug 2017 1292184582</p> <p>I would like you to research and present the following topic (<i>you can choose the method but please be mindful we will need to access the work in class. Examples could include; flashcards, sketchbooks etc</i>)</p> <p>What are polymers? Explain the difference between thermoset and thermoformed polymers.</p>

Research the following polymers; acrylic, high impact polystyrene (HIPS), biodegradable polymer (Biopol), polyester resin, urea formaldehyde.

When collecting your research you might want to collect images of typical products made from the polymer, some properties (i.e. durable), advantages and disadvantages.

When you return to class you will be given a small sample of each of the polymers.

Log In Instructions for Hegarty Maths



Go to old HegartyMaths Existing users Contact us

Teacher log in Student log in

Go to www.hegartymaths.com & click **Student log in**.

Start FREE teacher trial

Find your school

School name

Enter your school name correctly and select it.

Enter your details

Make sure these are accurate.

Harry

Hamilton

1 January 2001

Next

Welcome Harry

Please set a password to login.

Password

Confirm password

Login

Set and confirm your own password. Remember to write it in your maths book and planner!



No Has your teacher set you work? Yes

Your homework will be found in the **My Tasks** page.

You can Search for a task or Choose lesson.

You can view all tasks completed before in **My Scores**.

Lesson	Score	EM	Time	Attempts	Assessment taken
Factorise simple expressions 2	100%	1.00x	0.15mins	0/0	11:28 Tue 30th Aug 16
Distributive law of multiplication	50%	0.20x	2.81mins	0/0	13:53 Mon 8th Aug 16
Simple subtraction & its meaning	100%	1.00x	8.20mins	0/0	13:49 Mon 8th Aug 16
Simple addition & its meaning	20%	0.00x	0.68mins	0/0	13:45 Mon 8th Aug 16

Click on the task to take it again and try to improve your score.

You have no pending tasks

Request more tasks from your teacher

If you have no tasks you can always Request more from your teacher.

Doing a task

Watch the video carefully taking the best notes you can. Use lots of colour and work hard to follow each example. Replay anything you might be unsure of.

Work on your Building blocks. If you struggle with the video then improving these will help you access the task better. Aim to make all building blocks 100%.

Did you understand the video?

No

Yes

Do quiz

Great homework checklist	WWW	EBI
I write the title, date and HW for all my tasks		
I take full notes from the video		
I try to model my work the way I was shown in the video		
I use a ruler a pencil for all diagrams		
I write every question and full solution in my book		
I mark my work as I go		
When I get an incorrect answer, I try to correct this in a different colour pen		
I write my score in my book at the end of the quiz		

What score did you get in the quiz?

100% Great effort! Why not try the next HW or improve some of your other scores.

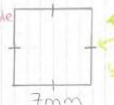
70 - 99% Try the quiz again and work hard to learn from any previous mistakes.

Below 70% Don't give up. If you have taken full notes of the video, worked on your building blocks and you're still struggling then leave comments for your teacher to ask for help. It's important you make sure you ask your teacher for help to make sure you can eventually get 100%.

VIDEO NOTES

Hegarty Maths = Perimeter (2) 14th July 2016

Example ①




Perimeter = $7+7+7+7 = 28\text{mm}$

Key Words: Length, Units, Distance

Don't forget Units!

Example ②



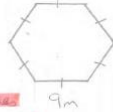
Perimeter = $4+9+4+9 = 26\text{m}$

Perimeter = $2 \times 9 + 2 \times 4 = 18 + 8 = 26\text{m}$

Perimeter = $2 \times (4+9) = 2 \times 13 = 26\text{m}$

Doesn't matter which method you use, they all work!

Example ③




Perimeter = $6 \times 9 = 54\text{m}$

Regular means all sides are same length

Example ④

Work out the perimeter of a square with side length 5cm.

Always draw a sketch from the information given



Perimeter = $4 \times 5 = 20\text{cm}$

Example ⑤

Work out the perimeter of an equilateral triangle with side length 4.1mm.

Same as regular

Perimeter = $3 \times 4.1 = 12.3\text{mm}$

Use distributive law of multiplication

Example ⑥

Work out the perimeter of a regular octagon with side length 7.4cm.

Perimeter = $8 \times 7.4 = 59.2\text{cm}$

Example ⑦


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

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

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 Calculator



4 sides all with single dash

Perimeter = $4 \times 2 = 8\text{mm}$


2) Perimeter of shaded shape?



Rectangle

Perimeter = $(2 \times 6) + (2 \times 11) = 12 + 22 = 34\text{m}$

3) Perimeter of shaded shape?



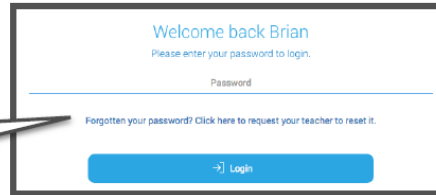
6 equal sides

Perimeter = $6 \times 5 = 30\text{m}$

FAQ's

What if I forget my password?

This link will **notify your teacher** that you need the password reset when they next login.



What device should I use?

HegartyMaths will work on any modern device but we **recommend a PC or Mac for the best experience**. Tablets work well too.

HegartyMaths will work on the latest versions of Chrome, Edge, IE and Safari. **We do not support Firefox.**

What browser should I use?

Do I have to watch the video?

In short, yes! The video and the quiz are designed together so that you can be successful. The video will show you how to tackle the majority of the problems assessed in the quiz.

Try and explain to your teacher in a comment what you think is wrong. Submit a **question problem report**.

What do I do if I think there is a mistake in a question?

How can I contact HegartyMaths?

You can give us feedback on the site using the **contact us** form.

