



Chesswood Junior School – Daily Learning – Year 6 – 18.01.2021



Subject	Activity	Resources/Links	House Points	Tick ✓
Maths	Written methods: Reason answers and self-mark after completion. (10 mins) Tutorial videos if needed: https://www.chesswood.w-sussex.sch.uk/page/?title=Written+Division&pid=340	18.01.21 – Written methods PDF Calculation progression: https://www.chesswood.w-sussex.sch.uk/attachments/download.asp?file=3586&type=pdf	15	
	Task: Lesson 3: Fractions to decimals (2). (30 mins) <i>Please find the PowerPoint, video, activity booklet + answers and a greater depth (GDS) extension on the Year 6 Daily Learning page, resources can be found by scrolling down past the daily learning page image!</i> Watch the interactive PowerPoint and/or video guidance to support you as you work through the lesson using the activity booklet . Please note, page one is fluency so if you find it too easy, only complete page two of the activity booklet and then have a go at the 'Maths GDS Extension' questions. Once you have completed the questions in the activity booklet, use the answers booklet to self-mark . <i>Try to reason every question.</i> Arithmetic test (just one per week): Hard level this week – 10 minutes, do your best! Remember to use your written methods to help you get an accurate answer and check using the inverse where you can. Check your answers and give yourself a score /13.	Video: https://vimeo.com/491970120 PowerPoint: https://chesswood-my.sharepoint.com/:p:/g/personal/mhills_chesswood_w-sussex_sch_uk/EcF3tUZKOjJPhGLBov8NtsoBY4hbPcFyMbY2pyzuKtA4Wg?e=1kKVwg 18.01.21 – Maths Activity PDF 18.01.21 – Maths Answers PDF 18.01.21 – Maths GDS Extension – one page per day + answers. Maths support at home: https://www.chesswood.w-sussex.sch.uk/page/?title=Maths+Support+at+Home&pid=335 Useful websites and links: https://www.chesswood.w-sussex.sch.uk/page/?title=Maths&pid=100 18.01.21 – Arithmetic test Hard PDF (From Monday, just one per week) https://www.bbc.co.uk/bitesize/articles/zdrbcqt	20	
	Turbo Maths: BBC Bitesize – Recap: Fractions of amounts applied in context. (10 mins)	https://www.bbc.co.uk/bitesize/articles/zdrbcqt	10	
Reading	Reading for pleasure: Read your reading book for 30-45 minutes . Take the AR quiz when finished – remember to look back in the book to help you!	http://ar.chesswood.org.uk	20	
	Guided Reading Task: (20 mins) – Coming Tomorrow... Reading Comprehension: Complete the Reading Comprehension and self-mark using the answers provided. (20 mins) Extension: Look at the reading activity grid and choose an activity that interests you. Class Novel: (20 mins) Rumblestar by Abi Elphinstone: Chapter 5	Guided Reading Task PDF – Coming Tomorrow! (Tues) Guided Reading Task video: - Coming Tomorrow! (Tues) Reading Comprehension PDF Reading Activity Grid PDF	20	



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	<ul style="list-style-type: none"> • Watch the Chapter Five video of Mrs R-W reading • Complete the question/activity from the accompanying sheet. 	Rumblestar Chapter 5 video: https://youtu.be/wlWp4iLQhLY		
	NEW TO YEAR 6: POEM OF THE DAY! Watch and listen to the Poem of the Day with Mrs Johnson!	Rumblestar Chapter 5 questions PDF Poem of the Day video: https://youtu.be/5f-1blvBA4k	10	
Writing	Writing Task: <ul style="list-style-type: none"> • Watch the video: Pigeon Impossible (see what they did there!) • Watch it again if you want to – it's really good! (You could pause and make notes to help you remember what happens at each stage of the story if you want to...) • Your mission today, should you choose to accept it, is to write a factual account for the police telling them what happened. • Watch Mrs Johnson's Writing Intro video to help. • Remember to include the 5 Ws: <ul style="list-style-type: none"> ○ When? ○ Who? ○ Where? ○ What? ○ Why? ○ Use the Account Checklist to help you with your writing. 	Pigeon Impossible video: https://www.literacyshed.com/pigeon-impossible.html	20	
	Grammar and Punctuation – Nasty Writing: Complete the Nasty Writing task on using the passive voice in your writing. This is often used in more formal writing. (10 mins)	Mrs Johnson's Writing Intro video: https://youtu.be/xnxeML-FNQc		
	Turbo GPS: Watch the BBC Bitesize video on using the passive voice and Have a go by looking at the step by step presentation below. Then, take the Passive Quiz! (10mins)	Account Checklist PDF Additional writing support resources: https://www.chesswood.w-sussex.sch.uk/page/?title=Writing&pid=59		
		Nasty writing PDF BBC Bitesize video: https://www.bbc.co.uk/bitesize/topics/z4hrt39/articles/zkttn8	10	



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Spelling: (15 mins) Use a spelling strategy you have learnt in class to practice the spellings from your homework sheet/below. (New spellings coming Wednesday!)

	Bronze		Silver		Gold		Platinum	
Statutory Words List	achieve	Tick	persuade	Tick	accompany	Tick	accommodate	Tick
	ancient	Tick	vegetable	Tick	sincerely	Tick	aggressive	Tick
	average	Tick	opportunity	Tick				
Class Spellings	cough	Tick	enough	Tick	thought	Tick	although	Tick
	dough	Tick	brought	Tick	borough	Tick	thorough	Tick
	plough	Tick	bough	Tick				

Ask a member of your family to test you – keep practicing any you get wrong until you are confident that you know them all. Get re-tested when possible.

Additional spelling support resources:

<https://www.chesswood.w-sussex.sch.uk/page/?title=Spelling+Practice+Years+5+and+6&pid=65>

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Science

WALT: Understand the levels of classification

Open the PDF and work your way through the pages, completing the activities as you go.

- Activity 1: Write as many characteristics as you can for each group of animals. (Just write them in your book/on paper, with the title of each group of animals underlined)
- Activity 2: Using the classification key on the PDF, add the animals in the group (in the box) to the classification key.
- Activity 3: Draw this classification key and add an extra question/questions so that you are adding more strands to your key. Try to finish with just one animal at the end of each strand! (Please use a ruler!)
- Activity 4: Watch the short video about the duck-billed platypus.

Classification PDF (Lesson 2)

Duck-billed platypus video:

<https://www.youtube.com/watch?v=QNoQvjlmGdk>

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PE

The PE team are challenging you to do 20 DAYS of exercise for at least 21 MINUTES A DAY #2021. Click on the link to find out more and to download the recording sheet!



20 / 21 FITNESS CHALLENGE

<https://www.chesswood.w-sussex.sch.uk/attachments/download.asp?file=9204&type=pdf>

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PSHE

Watch **Newsround** to keep up with current affairs. (5 mins)

Current Affairs: Fake News (20-30 mins)

Follow the slides on the document complete the short activities.

https://www.bbc.co.uk/newsround/news/watch_newsround

Current Affairs: Fake News PDF

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	<p>Try this meditation and relaxation activity to help relax your mind and body. You could do this first thing to get ready for the day, during the day when you need a brain break or to refocus. These work really well to clear your mind before bed. Aim to do this 6-minute activity at least 3 times this week and see how your breathing and focus improves each time.</p> <p>Try this relaxing music to help you when you are working, after your meditation session or before you drift off to sleep. As you listen to it try slowing your breathing down.</p> <p>Try imagining that you are smelling a flower or something delicious you have just baked. Inhale (breathe in) deeply for a count of 3 seconds through your nose and then exhale (breathe out) for a count of 4 seconds. As you do this you could place your hand on your chest and feel as your chest rises with the intake of air and falls as the air escapes from your mouth. Concentrate on how it feels as you breathe in and out.</p> <p>Mindfulness activity: How many sounds can you hear outdoors? Open a window, sit in your garden or visit the park or beach when you head out for your daily exercise. Listen for a few minutes and see how many sounds you can hear. Afterwards, write down all the sounds you can remember – can you sort them in to natural and man-made sounds? Look at your list – can you imagine these sounds and hear them again? You could repeat this activity and compare the different sounds you hear outdoors in the morning, at lunch and before bed.</p>	<p>https://www.youtube.com/watch?v=hh58j2Yw6dg</p> <p>https://www.youtube.com/watch?v=t9hpS3HbpDc</p>	10	
RE	<p>RE lessons ask you to think about meanings and ideas. Not simply what they mean but what do they mean to you or other people/communities/religions. Because of this we really recommend that you do this lesson with family, or a friend or a group of friends. With parent permission, you could set up a group call or video call to complete this task - a nice way to get a task completed and stay in contact with your classmates.</p> <p>Use the PDF and if you can't print you can write out your answers in an exercise book.</p> <p>Start with a discussion – Is love eternal? What did eternal mean from last lesson? Watch the video A Christian Marriage and answer the questions on the next pages. End on a discussion about the little boy who has drawn on the walls in his home. How might that image explain unconditional love?</p>	<p>Lesson 2: Eternal Love PDF</p> <p>https://www.truetube.co.uk/film/christian-marriage</p>	20	



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French

Log in to practice on Duolingo. Try to earn 10 XP today. (10 mins)

<https://schools.duolingo.com/>

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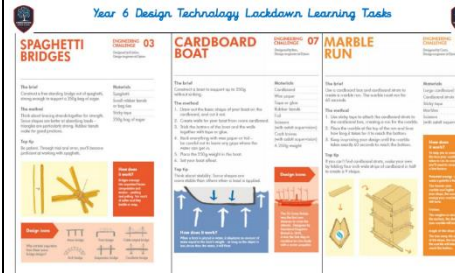
NEW THIS WEEK!

Put your engineer hat on and get ready to construct a masterpiece! This grid has 6 different activity ideas for you to choose from. They take a lot of patience and some planning/resourcing, so take your time and have fun when making!

Plan-Make-Evaluate

Go the extra mile by evaluating your final product, would you do anything differently next time to make the process easier or to make the final piece more functional? Is it aesthetically pleasing to look at? If not, could it be? Could you write a how-to-guide so someone else could make one too? Good luck! *Please send photos to us!*

18.01.21 – We are Engineers Lockdown Learning Tasks PDF



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Now that you have made a delicious stir-fry in year 6, why not try another cooking task of your choice? There are 5 recipes to choose from or you could find your own online/using a recipe book from home.

If you find your own recipe, perhaps you could write the ingredients list and method and send it to your teacher so that others could try it at home too.

Be sure to use your cookery skills to stay safe and send photos to your teacher of you making it and of the finishing product if you can.

DT Cooking Tasks PDF



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Watch a clip from the BBC series: The Secret Life of Our Favourite Dishes – ‘From the true colour of carrots to how to spot the difference between kinds of cows, why onions make us cry to the magic behind growing straight cucumbers, Stefan Gates reveals where our food comes from and how it is made.’

[The Secret Life of Our Favourite Dishes - BBC Teach](https://www.bbc.com/1/learning-zone/secret-life-of-our-favourite-dishes)

SECRET Life Of...

‘Get Set to Eat Fresh’ DT COMPETITION! – GOOD LUCK!

Can you create a recipe for Team GB?

If you are chosen as a winner in your age category, you could win an **exclusive Team GB goody bag, £50 in Aldi vouchers, a certificate**, and your recipe will join Aldi’s collection of Taste Kitchen recipes – featuring on both the Aldi and Get Set to Eat Fresh sites and Chesswood could also receive £200 in Aldi vouchers and a bag of fresh produce!

If you are selected as the one overall winner – selected by Aldi Athlete Ambassadors – you will additionally receive **a piece of money-can’t-buy Team GB Tokyo 2020 signed merchandise** and **have your recipe featured on a full or double page spread of an Aldi leaflet!**

<https://getseteatfresh.co.uk/resources/tastekitchenchallenge>

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DT



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So, what do you need to do? Create and write a recipe, including ingredients, instructions, a description for the recipe, and a short paragraph to explain how the recipe is inspired by Team GB. - See the [overview](#) attached for full details.

Key points worth remembering:

- All recipes should include at least two fruits or vegetables.
- Entrants must include a photograph of themselves with their finished dish.
- Submit your recipe using the Taste Kitchen Challenge [Recipe Sheet](#) and [Cover Sheet](#) completed by a parent/carers or teacher.
- Entries should be sent to: info@getseateatfresh.co.uk
- A winner will be chosen in each of the following age groups: 5–7, 7–11 and 11–14.
- Competition deadline: Friday 12 February 2021
- All entrants receive 50HP just for entering!

Full terms and conditions can be found here:

www.getseateatfresh.co.uk/about/tastekitchen-termsandconditions

11.01.21 - [Overview](#)

11.01.21 - [PowerPoint](#)

11.01.21 - [Recipe sheet PDF](#)

11.01.21 - [Cover sheet PDF](#)

Competition deadline:
Friday 12th February 2021





NEW THIS WEEK!

Scratch Unit: Programming Computer Games

Lesson 2: Binary Search

Key Vocab: Linear search, binary search.

Binary Search example - If the number thought of was 71.

Question: Is your number above 63? Answer: Yes

Question: Is your number above 94? Answer: No

Question: Is your number above 78? Answer: No

Question: Is your number above 70? Answer: Yes

Question: Is your number above 74? Answer: No

Question: Is your number 71?

Can you create an algorithm for a binary search using the Scratch code jigsaw?

<https://scratch.mit.edu/projects/100912338/#editor>

It should only take 7 questions for the computer to guess your number!

Extension: How many questions will the computer need to guess a number: between 0 and 1,023?

Or between 0 and 1,048,575?

Can you change your code to find out?

NEW THIS WEEK!

WALT: understand what Art may represent

In this lesson, you will be finding out about an artist who goes by a pseudonym (a fictitious name – not a real name!) You will also be thinking about what art may represent – is there more to art than just looking impressive?

- Open the Art PDF and work through the slides in order.
- Activity 1: Write a paragraph to express your personal opinion about whether you are in favour of (for), against, or undecided about this style of art.

11.01.21 Year 6 Computer Home Learning Tasks PDF

Year 6 Computer Home Learning Tasks

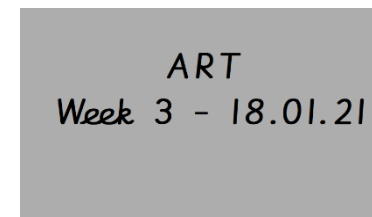
<p>WEEK 2</p> <p>Scratch Unit: Programming Computer Games Lesson 1: Guess my Number</p> <p>Key Vocab: algorithms, efficient algorithms and inefficient algorithms, logical reasoning.</p> <p>Scratch jigsaw: https://scratch.mit.edu/projects/100912338</p> <ol style="list-style-type: none"> 1. Complete the programme to play the game. 2. Assess how efficient it is. 3. Improve the programme to be more efficient. <p>Solutions - (DO NOT LOOK UNTIL YOU'VE COMPLETED THE TASK!)</p> <p>Key question: What is happening with the algorithms - are they efficient?</p>	<p>WEEK 3</p> <p>Scratch Unit: Programming Computer Games Lesson 2: Binary Search</p> <p>Key Vocab: Linear search, binary search.</p> <p>Binary search example - If the number thought of was 71.</p> <p>Question: Is your number above 63? Answer: Yes</p> <p>Question: Is your number above 94? Answer: No</p> <p>Question: Is your number above 78? Answer: No</p> <p>Question: Is your number above 70? Answer: Yes</p> <p>Question: Is your number above 74? Answer: No</p> <p>Question: Is your number 71?</p> <p>Can you create an algorithm for a binary search using the Scratch code jigsaw?</p> <p>It should only take 7 questions for the computer to guess your number!</p> <p>Extension: How many questions will the computer need to guess a number: between 0 and 1,023?</p> <p>Or between 0 and 1,048,575?</p> <p>Can you change your code to find out?</p>	<p>WEEK 4&5</p> <p>Scratch Unit: Programming Computer Games Lesson 3: Selection Sort</p> <p>Scratch jigsaw: https://scratch.mit.edu/projects/100912338</p> <p>This algorithm searches through for the heaviest mass, then the next heaviest mass, and so on.</p> <p>Can you?</p> <ol style="list-style-type: none"> 1) Enter weights to run the programme. 2) De-bug the programme. 3) Assess the algorithm - how useful is it? 4) Improve the programme to be more efficient. <p>Solution - (DO NOT LOOK UNTIL YOU'VE COMPLETED THE TASK!)</p> <p>https://scratch.mit.edu/projects/100912338</p>
<p>WEEK 6</p> <p>Scratch Unit: Programming Computer Games Lesson 4: Prime Numbers</p> <p>How could we use an algorithm to check prime numbers? What would the logical steps be?</p> <p>You choose your challenge level:</p> <ol style="list-style-type: none"> 1. Test numbers up to 100 using the Scratch programme: https://scratch.mit.edu/projects/100912338 2. Complete worksheet - https://scratch.mit.edu/projects/100912338 3. Can you complete it on the computer? 3. Try to build your own prime number checker in Scratch: https://scratch.mit.edu/projects/100912338 	<p>WEEK 7</p> <p>Scratch Extension 1:</p> <p>Scratch programming using Bourne to Code</p> <p>My LOL Cat</p> <p>https://www.bournetocode.com/projects/7-2/</p> <p>https://www.bournetocode.com/projects/7-2/</p>	<p>Extension 2:</p> <p>Scratch programming using Bourne to Code</p> <p>Scratch Arcade</p> <p>https://www.bournetocode.com/projects/7-2/</p> <p>3 Arcade Game projects + extra resources</p> <p>https://www.bournetocode.com/projects/7-2/</p> <p>https://www.bournetocode.com/projects/7-2/</p> <p>Again designed for Year 7's but well worth a go.</p>

Week 3!

18.01.21 - Art Week 3 PDF

Bristol Artist Case Study Video:

<https://www.youtube.com/watch?v=UOV2xp9uikA>



Computing

Art

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- Activity 2: Using an A4 size piece of paper/your book, create a fact-file/poster/information sheet all about the artist explored in this lesson. This activity will require you to use the information learnt from previous pages in the PDF, as well as additional research you will source yourself using the internet.

Please share your work with your teacher, we are particularly excited to see how creative you can be with Activity 2 – check out information page including pieces of this artist's art and the title made from cut out letters from magazines/newspapers – you could do this too!

Keep track of the house points you earn each day, collect and record these yourselves, we trust you to be honest!

Remember to let your teachers know what you have done – email photos or videos.