Edwinstree Distance Learning
Year 5

We are sorry you are not in school. The learning below links to the curriculum threshold concepts so will support your learning in your absence.
You can contact your subject teacher through Satchel One (Show My Homework) if you have any questions.
Please bring your learning into school on your return; give this to your subject teacher, so you can receive feedback.
Note: With some links you need to scroll down for further lessons.

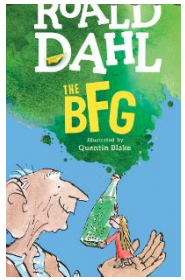
English

Hello Year 5. Please use the opportunity you have being at home to read, read, read!
Here are some lessons to support you learning how to read for enjoyment. Hopefully, you will learn to pick up a book when you're bored, and be less tempted to scroll through Netflix!

Developing reading for pleasure
Develop reading for pleasure- favourite characters
Develop reading for pleasure- book recommendations

Autumn

Reading



Click on the cover to be taken to the book.

Writing

Story Writing- can you write a story like the BFG?

Spelling

Spellings- learning

Spring

Reading

Click on the map to be taken to the book.

Writing

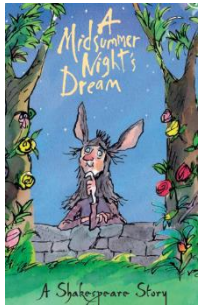
Instruction writing plan
Instruction writing draft

Spelling

Spellings- learning

Summer

Reading



Click on the cover to be taken to the book.

Writing

Biography writing- Shakespeare

Spelling

Spellings- learning

Spellings practise Year 5 and 6 consolidate

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Spellings practise Year 3 and 4 consolidate	Spellings practise Year 5 consolidate	

Maths

Addition and Subtraction strategies – NCETM video links

Activities are included in the video lessons. Have a pencil and paper with you to take part in the activities and be prepared to pause the video to do so.

Topic	Link
Adding and subtracting strategies and vocabulary	1. Adjust addends, to make a calculation easier, keeping the sum the same - YouTube
	2. Extend 'same sum' strategy to the addition of larger numbers - YouTube
	3. Extend the 'same sum' strategy to calculations with decimal fractions - YouTube
	4. Extend the 'same sum' rule to balance equations - YouTube
	5. Balancing equations using the compensation property of addition and subtraction - YouTube
	6. Balancing equations noticing that the order of the addends is not important - YouTube
	7. If an addend is increased and the other is kept the same, the sum increases by the same amount - YouTube
	8. If one addend is decreased and the other is kept the same, the sum decreases by the same amount - YouTube
	9. Solve calculations mentally by relating them to known facts - YouTube
	10. Finding an unknown addend when the sum is changed - YouTube
	11. Introduction to same difference - YouTube
	12. Contexts which focus on where the difference is kept the same - YouTube
	13. Use the language of minuend, subtrahend, and difference - YouTube
	14. Transform calculations using the same difference - YouTube
	15. Practice: transforming calculations to make them easier to solve mentally - YouTube
	16. Transform a subtraction calculation to make the written algorithm easier to apply - YouTube
	17. Practice: 'same difference' in different contexts - YouTube
	18. Balancing equations to find unknown values - YouTube
	19. Explore how the difference changes when only the minuend is changed - YouTube
	20. Apply the generalisation about how the minuend and difference change to solve problems - YouTube
	21. Explore how the generalisation can be used as a mental calculation strategy using known facts - YouTube
	22. Thinking flexibly - YouTube

	23. Comparing strategies - YouTube
	24. The more we subtract, the less we are left with. The less we subtract… - YouTube
	25. Contexts where the minuend is kept the same, and the subtrahend increases - YouTube
	26. Contexts where the minuend is kept the same, and the subtrahend decreases - YouTube
	27. Further practice to reason about how the change in the subtrahend changes the difference - YouTube
	28. Explore problems in which the new difference must be found - YouTube
	29. Balance equations where the compensation property of same sum cannot efficiently be applied - YouTube
	30. Balance equations where compensation property of same difference cannot efficiently be applied - YouTube
	31. Further practice balancing equations and comparing expressions on either side of the = sign - YouTube
	32. Balance equations with addition expressions on one side & subtraction expressions on the other - YouTube
	33. The final lesson - building confidence to select the relevant efficient strategy - YouTube

Wellbeing

One of the very best things that can help with wellbeing is to practise a kind of meditation called Positive Affirmations.

These can seem a bit strange if you haven't done them before, yet they can be really helpful if you're feeling a bit down. People recommend that you give them a go first thing in the morning but personally I love to try them whilst I'm drifting off to sleep at night. Choose a time of day that works for you. To have the most benefit, you should listen to them every night for a few weeks.

I'd suggest that you use a good loudspeaker connected to your phone or computer and listen to one of the following whilst lying down:

Feel good Affirmations: https://www.youtube.com/watch?v=ffXclh8cdkY (15 minutes)

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Positive Affirmations – Mindful and Calming: https://www.youtube.com/watch?v=I55jCHTQwCA (6 minutes)

Bedtime Affirmations: https://www.youtube.com/watch?v=fO72tLz4ffk (1 hour!)

If you have a bit of a questioning mind why not consider the following:

- How am I feeling after listening to these affirmations?
- Are there any of these affirmations that I found hard?
- What extra affirmations would have helped me?
- Can I write my own set of affirmations? Would it be helpful to read them out to yourself aloud each day for a week?

STOP PRESS:
Several of you have asked me about the colouring meditations that I have on my desk. If, like me, you find this to be a great way to take your mind off things when you're stressed, then why not colour in one of these whilst listening to one of the positive affirmations. Three packs of colouring meditations (Colouring Meditations 1 to 3) are included as separate files on SMHW.

Science

term		
Autumn	Winter	Summer
Practical skills **https://classroom.thenational.academy/lessons/what-is-a-variable-6mtk8c** **https://classroom.thenational.academy/lessons/how-do-you-draw-a-scientific-diagram-69hp6e** **https://classroom.thenational.academy/lessons/why-is-a-method-important-c5j3ge** **https://classroom.thenational.academy/lessons/what-can-we-do-with-data-we-collect-6wtkat**	Raw and synthetic materials. **https://classroom.thenational.academy/lessons/what-is-a-raw-material-6wtkcc** **https://classroom.thenational.academy/lessons/what-is-a-synthetic-material-74wk8c** **https://classroom.thenational.academy/lessons/how-are-synthetic-materials-made-from-raw-materials-cdgk0e** **https://classroom.thenational.academy/lessons/how-is-paper-made-68t38r**	**Living things and their habitats** **https://classroom.thenational.academy/lessons/what-is-an-ecosystem-cgtpcr** **https://classroom.thenational.academy/lessons/how-do-we-classify-the-diets-of-animals-6rup2c** **https://classroom.thenational.academy/lessons/why-are-producers-so-important-74rp2e** **https://classroom.thenational.academy/lessons/how-do-we-construct-a-food-chain-6mvp8t** **https://classroom.thenational.academy/lessons/how-do-we-construct-a-food-web-c4vk0c**

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https://classroom.thenational.academy/lessons/how-can-we-communicate-our-results-cmt3ec https://classroom.thenational.academy/lessons/how-can-we-record-an-entire-investigation-6guk4d	https://classroom.thenational.academy/lessons/what-is-recycling-and-why-is-it-important-75h3gt https://classroom.thenational.academy/lessons/what-does-it-mean-to-live-sustainably-c4v36d	https://classroom.thenational.academy/lessons/what-can-cause-disruptions-to-food-webs-69jk2r
Forces https://classroom.thenational.academy/lessons/what-are-forces-6dh3ec https://classroom.thenational.academy/lessons/how-can-we-measure-the-size-of-forces-c4vkcr https://classroom.thenational.academy/lessons/what-are-contact-forces-74t3qc https://classroom.thenational.academy/lessons/what-are-non-contact-forces-6djkgd https://classroom.thenational.academy/lessons/which-factors-affect-an-objects-ability-to-float-ccv3ac https://classroom.thenational.academy/lessons/what-impact-do-gears-levers-and-pulleys-have-on-forces-60w3cd	States of Matter https://classroom.thenational.academy/lessons/what-are-the-properties-of-solids-liquids-and-gases-6gv30d https://classroom.thenational.academy/lessons/how-do-particles-behave-inside-solids-liquids-and-gases-68wp2c https://classroom.thenational.academy/lessons/what-happens-when-you-heat-or-cool-each-state-of-matter-68w3at https://classroom.thenational.academy/lessons/what-are-changes-of-state-and-why-do-they-take-place-cgt64r https://classroom.thenational.academy/lessons/what-are-melting-points-and-boiling-points-6djp8r https://classroom.thenational.academy/lessons/which-substances-do-not-fit-into-one-state-of-matter-c5hp4r	Reproductive cycles. https://classroom.thenational.academy/lessons/why-do-plants-have-flowers-70v3qc https://classroom.thenational.academy/lessons/how-do-you-clone-a-potato-70uk8c https://classroom.thenational.academy/lessons/how-does-the-life-cycle-of-an-insect-compare-to-an-amphibian-cmrked https://classroom.thenational.academy/lessons/are-the-life-cycles-of-mammals-all-the-same-c4u3gr https://classroom.thenational.academy/lessons/why-do-birds-lay-eggs-69j3jt https://classroom.thenational.academy/lessons/how-do-lifecycles-compare-across-the-animal-kingdom-6wv32r
Earth and space https://classroom.thenational.academy/lessons/what-are-solar-and-lunar-eclipses-6nh3et https://classroom.thenational.academy/lessons/what-is-the-solar-system-c5jk6r https://classroom.thenational.academy/lessons/how-do-the-planets-in-the-solar-system-differ-69k6ar https://classroom.thenational.academy/lessons/what-are-stars-and-star-constellations-chjp6c	Physical and chemical change. https://classroom.thenational.academy/lessons/what-happens-during-a-state-change-c8wp6e https://classroom.thenational.academy/lessons/what-is-a-physical-change-and-how-can-we-identify-them-6xgk8d https://classroom.thenational.academy/lessons/what-is-a-chemical-reaction-and-how-can-we-identify-them-c4t34d https://classroom.thenational.academy/lessons/what-is-the-difference-between-physical-and-chemical-changes-64upcr	History of science https://classroom.thenational.academy/lessons/how-do-scientific-ideas-change-crv6cc https://classroom.thenational.academy/lessons/how-has-our-understanding-and-use-of-electricity-developed-6rw68t https://classroom.thenational.academy/lessons/how-has-human-use-of-materials-changed-over-time-6dhpcr https://classroom.thenational.academy/lessons/how-has-our-understanding-of-the-human-body-changed-over-time-61h32e

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https://classroom.thenational.academy/lessons/what-is-the-universe-and-what-is-it-made-from-c8uk8e https://classroom.thenational.academy/lessons/what-do-astronomers-do-cnh3ac	https://classroom.thenational.academy/lessons/what-can-we-do-to-investigate-chemical-reactions-70vk8d https://classroom.thenational.academy/lessons/what-happens-when-we-place-metals-into-acid-cgrp8d	https://classroom.thenational.academy/lessons/how-has-the-discovery-of-dna-changed-science-6wvk2c https://classroom.thenational.academy/lessons/how-have-our-ideas-about-the-universe-changed-over-time-69h68d

Art:

Hi Year 5

Please follow the links for your learning. This will support your understanding of the Art and Design threshold concepts. Please complete at least one hour of learning a week. You should aim to watch one video per lesson.

Autumn – Installation Art	Spring – Digital Art	Summer – Digital Art
Unit - Oak National Academy (thenational.academy)	Unit - Oak National Academy (thenational.academy)	Unit - Oak National Academy (thenational.academy)

French

Hi Year 5

Please follow the links for your learning. This will support your understanding of French threshold concepts. Please complete at least one hour of learning each week.

Spring term	Summer term
Can I talk about myself? Unit - Oak National Academy (thenational.academy) Watch the videos and answer questions from the corresponding Power Point presentations: Year5-term2 (The work will also be posted on SMHW)	Can I talk about my pets ? Unit - Oak National Academy (thenational.academy) Watch the videos and answer questions from the corresponding Power Point presentations: year5-term3 (The work will also be posted on SMHW)

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Humanities Year 5
Please follow the links to your learning. In history we have taken the Oak Academy schemes of work and matched them with our own, so if you are working at home, you will follow the same learning journey during your time out of school. For Geography you will build your locational knowledge in the work you complete at home and your maps skills. This runs alongside the skills we are developing in school.

Autumn term:
https://classroom.thenational.academy/units/ancient-greece-79e7

Spring term **https://classroom.thenational.academy/units/building-locational-knowledge-hemispheres-and-tropics-8c53**
https://classroom.thenational.academy/units/biomes-bd47

Summer term **https://classroom.thenational.academy/units/water-weather-and-climate-4454**

In RE the work that you complete will complement our schemes of work by focusing in term 1 on Christianity and then by looking at the two other monotheisms that of Islam. You finally study humanism. How does each belief, influence their faith and their way of life and decision making?

Autumn term https://classroom.thenational.academy/units/christianity-90fd
Spring term **https://classroom.thenational.academy/units/islam-f461**
Summer term **https://classroom.thenational.academy/units/humanism-d630**

PE
Complete two hours worth of activities from the menu below

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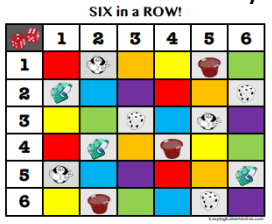
Choice 1	Choice 2	Choice 3	Choice 4
Endurance Dice Roll the dice and use the table below to complete a run (or more)	**Joe Wicks Body Coach** Complete a minimum of two of the Joe Wicks morning workouts	**Throw and Catch** Using a ball (or anything else you can find) throw a ball against the wall and catch it as many times as you can without dropping it. Challenge: Can you alternate hands?	**Play Six in a row** Play the six in a row game attached. You could even play it as a whole family!
Choice 5	**Choice 6**	**Choice 7**	**Choice 8**
Agility Challenge Create a diamond with four objects (these can be any objects). Get a partner to call out the compass points and then run and touch the object related. How many can you touch in 2 minutes?	**Just Dance** If you are lucky enough to have Just Dance at home, have a go at some of the routines. Just Dance videos are also available on youtube. Challenge: Can you add some moves to the end of a routine? Film it and upload to SMHW (optional)	**Fitness Testing** Choose 3 of the fitness tests and record your results - Standing Stork - Bleep test - Abdomimal Curl - 12 minute cooper run Research any you are not sure of	**Garden Assault Course** Create an assault course in your garden! Prizes will be on offer for those who upload the most creative to SMHW!

Dice	Cardiovascular Endurance Time
1	6 minutes
2	8 minutes
3	10 minutes
4	12 minutes
5	14 minutes
6	16 minutes



Six in a row game board

Computing

Autumn
1. Sharing information
2. Spreadsheets

Spring
3. Video editing

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4.Vector drawing
Summer
5. Communication
6. 3D Modelling

Technology

Hello Year 5. Please follow the links for your learning.

If you are studying Resistant Materials at the moment, please select one of the Resistant Materials lessons. Please follow the order.

If you are studying Food & Nutrition, please select from one of the Food lessons.

You should be completing 1 hour of learning per week

Resistant Materials	Food and Nutrition
Lesson A To investigate structures To investigate structures (thenational.academy) **Lesson B** To evaluate existing structures To evaluate existing structures (thenational.academy) **Lesson C** To develop a design brief and to sketch ideas for the product To develop a design brief and to sketch ideas for the product (thenational.academy)	**Lesson A** What is in a packed lunch https://classroom.thenational.academy/lessons/whats-in-a-packed-lunch-6ngkcr **Lesson B** Exploring food and where it comes from https://classroom.thenational.academy/lessons/exploring-food-and-where-it-comes-from-64rk2r **Lesson C** Using evaluations to design ideas https://classroom.thenational.academy/lessons/using-evaluation-to-develop-ideas-further-6gvkat

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Music

Here is a sequence of lessons on the basics of theory, which we will be covering throughout your first year at Edwinstree. Start from lesson 1 and do a lesson for each week that you are off. Make sure to write things down and take part in all the activities!

Autumn

Lesson 1

Lesson 2

Spring

Lesson 3

Lesson 4

Summer

Lesson 5

Lesson 6