

# Y5/6 Extended Study Menu

Throughout the term please choose one piece of homework to complete weekly. Homework will be rewarded through postcards/stickers/HoWL points/whole class rewards etc. Please email photos to [y5-6@greentopschool.org](mailto:y5-6@greentopschool.org) for your child to share in Crew.

In addition to this, you are expected to read 3 times a week at home with your parent or carer. This can be a book, a magazine, a comic, a poem, a story or information text. Please remember that you can quiz in school or at home on books that you have read. To check if your book is an Accelerated Reader book, go to [www.arbookfind.co.uk](http://www.arbookfind.co.uk), click 'pupil' and type the name of the book or the author into the search box. You can also quiz at home if your book is on AR. This is the link: <https://login.renaissance.com/12d2c6cb-e515-4e4c-b52e-a3ee7c793cc0?state=1361df65-a459-4fd3-b49a-433d7f94315f>

It is also important that you practise your times tables every week. There are lots of great apps and clips on 'youtube' to help you – ask your parent or carer to have a look for you – and of course, there is also [TTRockstars](#).

## Expedition Learning

Have a go at completing an algorithm on Scratch that links to our Expedition.



## Maths

Research the radius of each planet in our Solar System - can you order them from smallest to largest?

Consider how you can present this information.

## English

Write a sci-fi story. It could be about going into space, meeting an alien or even visiting another planet!



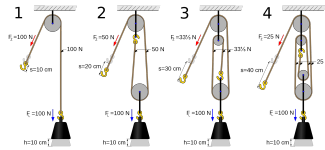
## Life Skills

Imagine we are being visited by aliens. Create a menu to show the best food on Earth.

Look at the ingredients you need and have a go and see if you can make it.

What will you choose?

Create a working mechanism. Do some research on gears and pulleys and then have a go and see if you can build your own. Can you think about how it could be used in the home?



We have learnt that time zones are linked to the movement of day and night.

Research different time zones, then ask an adult to give you different times.

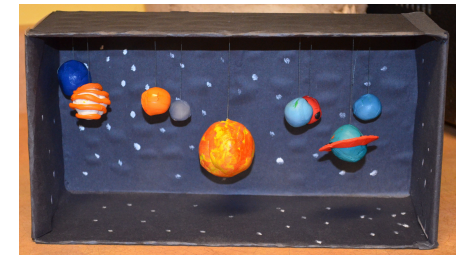
Can you work out what the times would be around the world?

Research a famous/ key figure linked to astronomy.

How will you present your research? Maybe you could create slides, a poster or even a short video.



Can you create a piece of art linked to the Solar System?



Complete a moon diary.

Look at how the moon changes throughout the month and record what you see.



Can you research the weight of each planet in our solar system and order them in ascending and descending order?

Create a fact file about the solar system. Think carefully about how your ideas can be presented. What are the key facts that you need to include?



Could you and your family sit under the stars one evening and star gaze?

Take plenty of photos if you do!

There's some great star gazing apps too!

Could you design and create your own model rocket?



Can you calculate how long it would take to reach each planet in our Solar System in hours, minutes and seconds?

Can you create a diary entry from the point of view of Neil Armstrong or Buzz Aldrin reflecting on the moon landing?

Practise telling the time! Can you tell the time on an analogue and digital clock? Telling the time is important to be ready for secondary school!



## Year 3/4 Spellings

Practise these throughout the year as you need to be able to spell them and include them in your writing.

 [www.twinkl.co.uk](http://www.twinkl.co.uk)

## Year 3 and 4 Spelling List

accident(ally) actual(ly) address answer appear arrive believe bicycle breath breathe build busy/business calendar caught centre century certain circle complete consider	continue decide describe different difficult disappear early earth eight/eighth enough exercise experience experiment extreme famous favourite February forward(s) fruit grammar	group guard guide heard heart height history imagine increase important interest island knowledge learn length library material medicine mention minute	natural naughty notice occasion(ally) often opposite ordinary particular peculiar perhaps popular position possess(ion) possible potatoes pressure probably promise purpose quarter	question recent regular reign remember sentence separate special straight strange strength suppose surprise therefore though/although thought through various weight woman/women
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## Year 5/6 Spellings

Practise these throughout the year as you need to be able to spell them and include them in your writing.

### **New Curriculum Spelling List Years 5 and 6**

accommodate  
accompany  
according  
achieve  
aggressive  
amateur  
ancient  
apparent  
appreciate  
attached  
available  
average  
awkward  
bargain  
bruise  
category  
cemetery  
committee  
communicate  
community  
competition

conscience  
conscious  
controversy  
convenience  
correspond  
criticise  
curiosity  
definite  
desperate  
determined  
develop  
dictionary  
disastrous  
embarrass  
environment  
equip  
equipped  
equipment  
especially  
exaggerate  
excellent

existence  
explanation  
familiar  
foreign  
forty  
frequently  
government  
guarantee  
harass  
hindrance  
identity  
immediate  
immediately  
individual  
interfere  
interrupt  
language  
leisure  
lightning  
marvellous  
mischievous

muscle  
necessary  
neighbour  
nuisance  
occupy  
occur  
opportunity  
parliament  
persuade  
physical  
prejudice  
privilege  
profession  
programme  
pronunciation  
queue  
recognise  
recommend  
relevant  
restaurant  
rhyme

rhythm  
sacrifice  
secretary  
shoulder  
signature  
sincere  
sincerely  
soldier  
stomach  
sufficient  
suggest  
symbol  
system  
temperature  
thorough  
twelfth  
variety  
vegetable  
vehicle  
yacht

# Times Tables

Keep practising them so you are confident with them all. Use TT Rockstars too!

1x table	2x table	3x table	4x table	5x table	6x table
$1 \times 1 = 1$	$1 \times 2 = 2$	$1 \times 3 = 3$	$1 \times 4 = 4$	$1 \times 5 = 5$	$1 \times 6 = 6$
$2 \times 1 = 2$	$2 \times 2 = 4$	$2 \times 3 = 6$	$2 \times 4 = 8$	$2 \times 5 = 10$	$2 \times 6 = 12$
$3 \times 1 = 3$	$3 \times 2 = 6$	$3 \times 3 = 9$	$3 \times 4 = 12$	$3 \times 5 = 15$	$3 \times 6 = 18$
$4 \times 1 = 4$	$4 \times 2 = 8$	$4 \times 3 = 12$	$4 \times 4 = 16$	$4 \times 5 = 20$	$4 \times 6 = 24$
$5 \times 1 = 5$	$5 \times 2 = 10$	$5 \times 3 = 15$	$5 \times 4 = 20$	$5 \times 5 = 25$	$5 \times 6 = 30$
$6 \times 1 = 6$	$6 \times 2 = 12$	$6 \times 3 = 18$	$6 \times 4 = 24$	$6 \times 5 = 30$	$6 \times 6 = 36$
$7 \times 1 = 7$	$7 \times 2 = 14$	$7 \times 3 = 21$	$7 \times 4 = 28$	$7 \times 5 = 35$	$7 \times 6 = 42$
$8 \times 1 = 8$	$8 \times 2 = 16$	$8 \times 3 = 24$	$8 \times 4 = 32$	$8 \times 5 = 40$	$8 \times 6 = 48$
$9 \times 1 = 9$	$9 \times 2 = 18$	$9 \times 3 = 27$	$9 \times 4 = 36$	$9 \times 5 = 45$	$9 \times 6 = 54$
$10 \times 1 = 10$	$10 \times 2 = 20$	$10 \times 3 = 30$	$10 \times 4 = 40$	$10 \times 5 = 50$	$10 \times 6 = 60$
$11 \times 1 = 11$	$11 \times 2 = 22$	$11 \times 3 = 33$	$11 \times 4 = 44$	$11 \times 5 = 55$	$11 \times 6 = 66$
$12 \times 1 = 12$	$12 \times 2 = 24$	$12 \times 3 = 36$	$12 \times 4 = 48$	$12 \times 5 = 60$	$12 \times 6 = 72$
7x table	8x table	9x table	10x table	11x table	12x table
$1 \times 7 = 7$	$1 \times 8 = 8$	$1 \times 9 = 9$	$1 \times 10 = 10$	$1 \times 11 = 11$	$1 \times 12 = 12$
$2 \times 7 = 14$	$2 \times 8 = 16$	$2 \times 9 = 18$	$2 \times 10 = 20$	$2 \times 11 = 22$	$2 \times 12 = 24$
$3 \times 7 = 21$	$3 \times 8 = 24$	$3 \times 9 = 27$	$3 \times 10 = 30$	$3 \times 11 = 33$	$3 \times 12 = 36$
$4 \times 7 = 28$	$4 \times 8 = 32$	$4 \times 9 = 36$	$4 \times 10 = 40$	$4 \times 11 = 44$	$4 \times 12 = 48$
$5 \times 7 = 35$	$5 \times 8 = 40$	$5 \times 9 = 45$	$5 \times 10 = 50$	$5 \times 11 = 55$	$5 \times 12 = 60$
$6 \times 7 = 42$	$6 \times 8 = 48$	$6 \times 9 = 54$	$6 \times 10 = 60$	$6 \times 11 = 66$	$6 \times 12 = 72$
$7 \times 7 = 49$	$7 \times 8 = 56$	$7 \times 9 = 63$	$7 \times 10 = 70$	$7 \times 11 = 77$	$7 \times 12 = 84$
$8 \times 7 = 56$	$8 \times 8 = 64$	$8 \times 9 = 72$	$8 \times 10 = 80$	$8 \times 11 = 88$	$8 \times 12 = 96$
$9 \times 7 = 63$	$9 \times 8 = 72$	$9 \times 9 = 81$	$9 \times 10 = 90$	$9 \times 11 = 99$	$9 \times 12 = 108$
$10 \times 7 = 70$	$10 \times 8 = 80$	$10 \times 9 = 90$	$10 \times 10 = 100$	$10 \times 11 = 110$	$10 \times 12 = 120$
$11 \times 7 = 77$	$11 \times 8 = 88$	$11 \times 9 = 99$	$11 \times 10 = 110$	$11 \times 11 = 121$	$11 \times 12 = 132$
$12 \times 7 = 84$	$12 \times 8 = 96$	$12 \times 9 = 108$	$12 \times 10 = 120$	$12 \times 11 = 132$	$12 \times 12 = 144$