



Spring 2 Term Homework

– Year 5:

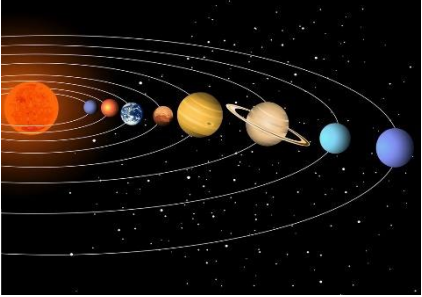
You must practise your spellings weekly and will be tested and use Bedrock to develop vocabulary. 	Practise your handwriting on https://www.letterjoin.co.uk/login.html 	Complete your RE and topic half termly projects!
Practise your times tables using TTRS or Maths Frame. 	Read for 20 minutes per night and take an Accelerated Reader test when you have completed a  book!	Use Numbots to support your Maths learning.  https://numbots.com/ and complete your math's instant recall facts weekly.

Core Homework

This term in Year 5 we will be learning about Earth and Space. Here are some activities you can complete at home to support your learning. Choose three (or more!) activities you can complete as a family and tick the square after you have completed it.

Technology and Science Find out how a telescope works and create a model of your own. <input data-bbox="507 1760 549 1800" type="checkbox"/>	Out and About Visit the Science Museum and record what you saw in a recount. <input data-bbox="970 1733 1011 1774" type="checkbox"/>	Writing Go to your local library and borrow a book about space. Write a book review for your classmates. <input data-bbox="1417 1662 1458 1702" type="checkbox"/>
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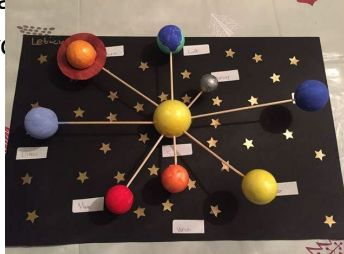


Mathematics Create five or more space themed word problems for your classmates.		Let's Be Historians Make a fact on any of these important people: ☐ Nicolaus Copernicus, Annie Jump Cannon and Stephen Hawking.
Health and Well Being - Think about planet Earth. Spend some time in nature and observe what is around you. Describe this in a diary entry.	Expressive Arts Draw a sketch of your favourite planet and emphasise what it is that you like about it. ☐	Working with Others Find a partner and choose a planet to live on. Write a letter to each other ☐ describing what life is like on another planet.
Half Termly Project		



Design and create your model of the solar system. Think about the order and placement of the different planets.

Remember to label the features. Class projects will be displayed around the classroom. Make sure to return your project by the 1st of March.



Spring 2 - Maths Key Instant Recall Facts

What does KIRF look like?

By the end of this half term, children should know the following facts. The aim is for them to recall these facts with speed and accuracy:

I can recall square numbers up to 12^2 and their square roots

Children should know the following square numbers and their square roots:

$1^2 = 1 \times 1 = 1$	$\sqrt{1} = 1$
$2^2 = 2 \times 2 = 4$	$\sqrt{4} = 2$
$3^2 = 3 \times 3 = 9$	$\sqrt{9} = 3$
$4^2 = 4 \times 4 = 16$	$\sqrt{16} = 4$
$5^2 = 5 \times 5 = 25$	$\sqrt{25} = 5$
$6^2 = 6 \times 6 = 36$	$\sqrt{36} = 6$
$7^2 = 7 \times 7 = 49$	$\sqrt{49} = 7$
$8^2 = 8 \times 8 = 64$	$\sqrt{64} = 8$
$9^2 = 9 \times 9 = 81$	$\sqrt{81} = 9$
$10^2 = 10 \times 10 = 100$	$\sqrt{100} = 10$
$11^2 = 11 \times 11 = 121$	$\sqrt{121} = 11$
$12^2 = 12 \times 12 = 144$	$\sqrt{144} = 12$

Key vocabulary

What is 7 squared?
What is 7 multiplied by itself?
What is the square root of 144?

Top tips

The secret to success is practising *little* and *often*. Use time wisely. Can you practise this KIRF whilst walking to school or during a car journey? You do not need to practise all aspects of the KIRF all at once; perhaps you could have a fact of the day, or a few facts per week to practise? If you would like more ideas, please speak to your child's teacher.

Practical resources and ideas

Cycling squares: At <http://nrich.maths.org/1151>, there is a challenge involving square numbers. Can you complete the challenge and then create your own examples?



Spring Homework



AT2 Questions to be completed on the RE Blog the first and last

<http://www.olsj.towerhamlets.sch.uk/blog/category/at2>



What is important to you in your life?

RE Homework Project

Choose a Station of the Cross, or all of them. Through Art, create your interpretation. The way you

This needs to be handed in by Tuesday, 3rd March at the latest.



Spring 2 – Spellings

If your child learns all their spellings very quickly, please email their year group for more!

Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Words with an /or/	Words with /or/ sound	Convert nouns or adjective	Convert nouns or adjective	Convert nouns or adjective	Convert nouns or adjective



sound spelt 'or'	spelt 'au'	s into verbs using the suffix -ate	s into verbs using the suffix -ise	s into verbs using the suffix -ify	s into verbs using the suffix -en
forty scorch absorb decorate afford enormou s category tornado accordin g opportun ity	pause cause sauce fraud launch author August applaud astronau t restaura nt	pollinate captivat e activate motivate communi cate medicate elasticat e hyphenat e alienate validate	criticise advertis e capitalis e finalise equalise fertilise terroris e socialise visualise vandalis e	amplify solidify signify falsify glorify notify testify purify intensify classify	blacken brighten flatten lengthen mistaken straight en shorten thicken tighten toughen

By the end of Year 6, your child should know all of the spellings from the Year 5 and 6 spelling list:

accom modate accomp any accord ing achiev e aggres sive amateu r	commu nity compet ition conscie nce conscio us contro versy conveni ence	equipped equipmen t especiall y exaggera te excellent existence explanati on familiar	individu al interfe re interru pt languag e leisure lightnin g marvelo	prejudi ce privileg e profess ion progra mme pronun ciation queue recogni	soldier stomach sufficie nt suggest symbol system tempera ture thoroug h twelfth
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ancien	corres	foreign	us	se	variety
t	pond	forty	mischie	recomm	vegetab
appare	criticis	frequentl	vous	end	le
nt	e	y	muscle	relevan	vehicle
apprec	curiosi	governm	necessa	t	yacht
iate	ty	ent	ry	restaur	
attach	definit	guarante	neighbo	ant	
ed	e	e	ur	rhyme	
availab	desper	harass	nuisanc	rhythm	
le	ate	hindranc	e	sacrific	
averag	determ	e	occupy	e	
e	ined	identity	occur	secreta	
awkwa	develop	immediat	opportu	ry	
rd	diction	e	nity	shoulde	
bargai	ary	immediat	parliam	r	
n	disastr	ely	ent	signatu	
bruise	ous		persuad	re	
catego	embarr		e	sincere	
ry	ass		physica	sincere	
cemete	environ		l	ly	
ry	ment				
commit	equip				
tee					
commu					
nicate					

Handwriting

Please support your child in practicing their handwriting
at home.

Login at www.letterjoin.co.uk



PC Login	Tablet Login
Username: qr9085 Password: home	Username: qr9085 Swipe Code: A capital 'L' shape starting at top left

Farm Animals: Les animaux de la ferme

Write each sentence in French. The first one has been done for you.

On the farm there is... À la ferme il y a...



un cheval

À la ferme il y a un cheval.



une vache



un âne



un mouton



un cochon



une chèvre



un canard



un coq