

## Katherine Semar Junior School Homework Grid

Term: Summer

Year: 5

There are a lot of links to open on this letter. An electronic copy will be on the school website so you can open them more easily.

These are the dates the homework is to be handed in.

<u>Week- Date</u>	<u>Subject</u>
2- 28/04	Maths
4 –13/05	English
6- 10/06	Computing
7- 24/06	Science
9- 8/07	Topic

Homework activity – A minimum of **45 minutes** should be spent on your piece of work. Effort will be the most important deciding factor when awarding house points. To mark the pieces of work your teacher will award each piece with a number of house points.

English



Go on to the Literacy Shed <https://www.literacyshed.com/> and look for inspiration. There are lots of images and videos that can spark your imagination. Choose one and write a description of the scene. Write at least half a page. If you aren't able to access the website, speak to your teacher.

Completed by 13<sup>th</sup> May

HP

Homework activity – A minimum of **45 minutes** should be spent on your piece of work. Effort will be the most important deciding factor when awarding house points. To mark the pieces of work your teacher will award each piece with a number of house points.

Maths and problem solving



Create a poster about polygons. You should include at least six different polygons and describe their properties, including the number of vertices. Make sure to include both regular and irregular polygons.

Fractions Completed by 28<sup>th</sup> April

HP  
HP

Homework activity – A minimum of **45 minutes** should be spent on your piece of work. Effort will be the most important deciding factor when awarding house points. To mark the pieces of work your teacher will award each piece with a number of house points.

Computing

Go to this website <https://www.itchcode.com/lesson/hour-of-code/83-scratch-lesson-bouncing-ball/student/project/YWQJVZ>

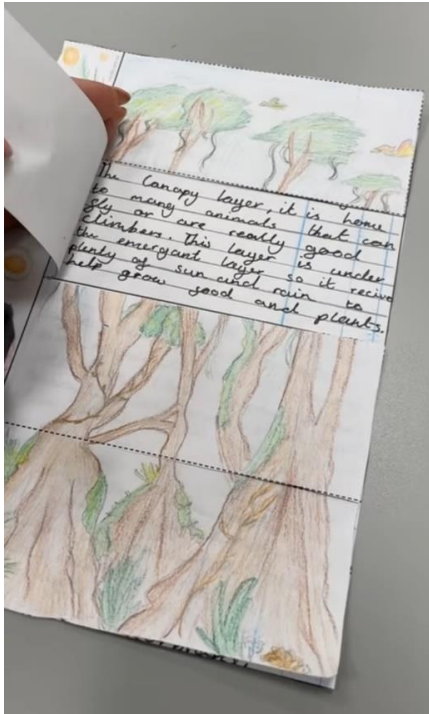
There is a video showing you how to make a Scratch code for bouncing a ball. Follow the video to make your own code that includes a bouncing ball. Once you have made the code, take a screen shot and send it to your teacher on Seesaw or email it in.

Complete by 10<sup>th</sup> June

HP

Homework activity – A minimum of **45 minutes** should be spent on your piece of work. Effort will be the most important deciding factor when awarding house points. To mark the pieces of work your teacher will award each piece with a number of house points.

Topic



Create a sheet about the four layers of the rainforest like the one in the document. You will need two sheets of paper and attach them on the side so you can fold back the top sheet. Draw the four layers of the rainforest on the top sheet and write information on the bottom sheet. If you need any resources, just ask your teacher!

Complete by 8<sup>th</sup> July

HP

Homework activity – A minimum of **45 minutes** should be spent on your piece of work. Effort will be the most important deciding factor when awarding house points. To mark the pieces of work your teacher will award each piece with a number of house points.

Science



Building on our work about light, we will look at some optical illusions. There are two different ones to make at home.

You can make a Newton Colour Wheel following the instructions here:

<https://www.fizzicseducation.com.au/150-science-experiments/light-sound-experiments/newton-colour-wheel/>

If you would like more of a challenge, have a go at making an Ames Window. Watch this short video showing what they are and how to make them. You will need something sharp to cut the card, so make sure you do this with an adult!

[Ames Window - YouTube](#)

If you are intrigued by this illusion, there is a longer video which goes into more detail here:

[https://www.youtube.com/watch?v=dBap\\_Lp-0oc](https://www.youtube.com/watch?v=dBap_Lp-0oc)

Bring the illusions you have made into school.

Complete by 24<sup>th</sup> July

HP