# Summer 1 Week 2 - Maths

# Time and timetables.

This week, we're going to spend some time thinking about measuring time. Complete this work in your home learning exercise book. Use diagrams and drawings, have fun, but make sure what you've written makes sense.

At the end of the week, submit images of what you've done when you click on 'hand in'. I find that inserting pictures into a Google doc pages works best. I will award Dojo points for people who have tried really hard and created something interesting, accurate, using mathematical vocabulary and is well presented.

# <u>Part 1</u>

Can you explain to an alien how to tell the time in analogue and digital formats?

Mr Rowell's class – Can you also mention the differences between 12 and 24 hour clocks and why 24 hour clocks are useful.



Use coloured drawings and writing to help with your explanation.

# <u>Part 2</u>

Think about what a timetable usually is and how they work. Can you find 3 examples to stick in your work books? Or if not, copy some. Then annotate what you have found to say how they work.

Green Timetable									
Locomotive:	Steam	Diesel	Steam	Diesel	Steam				
Tunbridge Wells Dep	10:30	11:55	13:25	14:45	16:15				
High Rocks Dep	10:37	12:02	13:32	14:52	16:22				
Groombridge Dep	10:46	12:11	13:41	15:01	16:31				
Eridge Arr	11:00	12:20	13:50	15:10	16:40				
Locomotive:	Diesel	Steam	Diesel	Steam	Diesel				
Eridge Dep	11:15	12:35	14:05	15:25	16:55				
Groombridge Dep	11:26	12:46	14:16	15:36	17:06				
High Rocks Dep	11:33	12:53	14:23	15:43	17:13				
Tunbridge Wells Arr	11:40	13:00	14:30	15:50	17:20				

I.e. this is a train timetable. It tells you whether the train runs on steam power or diesel. Trains start at Tunbridge Wells and Terminate at Eridge. You can also make the return trip from Eridge to Tunbridge Wells. Each time shown is when the train departs. You can calculate how long each leg of the journey takes by looking at these times.

Above is an example, make your explanations as detailed as you can. Use coloured pencils and calculate journey times.

Challenge: Mr Rowell's class especially – Can you write 2 SATs style questions for each timetable you find?

#### Part 3

Think about your day of home-learning and living.

Draw a timetable to represent each day of your week including the weekends

Use sharp pencils and rulers with colour if you need to.

Will you use 12 or 24 hour times?

TIME	MONDAY	TUESDAY	NEDNES -	THUES - DIAY		APPS / RESOURCES
9.00	PE	PE	PE	PE	PE	Diversity Gorden
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12:00	Lunch	Lunch	lunch	lunch	Lunch	MY FRIDGE
1.00-1.50	Rupie mash	Purpie Mash	Punche Mash	Aurple	Philiphe Mash	IPadi
1.30 - 2.00	Life secus	Life secus	LIR Sector	FIFE SKULS	and the second s	THE HOUSE
2.00	AUZZIES COIDS, ANDON SKILLS	learning	A44 Crafts	outdoor leaning	AVE CROAS	Groogie, garaun stanarang stash
3.00	Job done	Hum quits	a cuppa	Mumeo	Fri - Yoy	6

### Challenge: - Mr Rowell's class especially.

Design an extra timetable for an astronaut. Think about what sort of things they will need to do and what would be a sensible amount of time to do it? You may need to do some extra research and find out what sorts of things they have to do. Below is a real ISS astronaut's timetable to start you off.

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