I I did this independently with no help.
S I did this with some support.

Maple Homework Grid: Space Explorers

English

Writing:
Is there life on other planets? Write a balanced argument debating the reasons for and against this topic. Consider what you know about the planets in our solar system and what is needed for living organisms to exist. How would they survive and how would they need to be different to use?

Date:
Comments:

Writing:
Either, take an existing piece of space exploration equipment that you have researched, or, invent your own. Can you write an explanation text, or, a persuasive speech to persuade a company to manufacture it? Include labelled diagrams so they can see exactly what it looks like/how it works/its benefits.

Date:
Comments:

Reading: ***complete after week 5***
Based on our reading of Cosmic, write a summary of the story.
What are the main settings, characters and events? What are the main plot points?
Convey this information in an engaging yet succinct manner to draw in your reader.

Date:
Comments:

Spelling Practice:
Include your focus words in sentences.

Y4 – enough, exercise, experience, experiment, extreme, famous, favourite, February, forward(s).

Y5 – definite, desperate, determined, develop, dictionary, disastrous

Date:
Comments:

Maths

Place Value:
Y4: Solve the calculations.
Give the answers in Roman numerals.
a) XX + XXX b) C – XL c) XXII x V d) LXVI ÷ VI
e) XIII x VIII f) XLVIII ÷ VIII g) XIII + XLVII
Can you make your own calculations using roman numerals?
Y5: a) True? These numbers are in ascending order:
DLXII < CCLXXIV < DCXXVI
b) Keira has used seven flash cards to make a number between 400 and 600. She has shuffled the cards and has turned one over. Find all the possible letters which could be on the final card.

X	I	X	D	V	X	

Date:
Comments:

Time
Y4:

3 hours = 180 minutes number sentence **3 hours x 60 = 180 minutes**	2 hours = ☐ minutes number sentence	10 hours = ☐ minutes number sentence
10 days = ☐ hours number sentence	120 minutes = ☐ hours number sentence	3 days = ☐ hours number sentence
48 hours = ☐ days number sentence	4 weeks = ☐ days number sentence	2 years = ☐ days number sentence

Y5: use a timeline to help you.

Calculate the time intervals between:

1) 12:00 – 14:25
2) 16:50 – 19:15
3) 17:45 – 21:30
4) 11:20 – 15:40
5) 12:15 – 20:10
8) 12:12 – 16:42
9) 17:59 – 18:11
10) 01:17 – 19:10
11) 09:41 – 16:02
12) 10:26 – 14:09

Date:
Comments:

Missing number problems/inverse operations:
Y4: Layout and solve them and use the inverse to check:
a) 6524 + 1728 b) 9862 – 3265 c) 4305 + 3846
d) 7192 – 2536 e) 6492 + 2349 f) 6558 - 4875

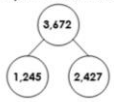
Y5:

1. Tick the calculations that could be used to check the answer to the question.

4,632 + 2,195 = 6,827

A. 6,827 – 2,195 = 4,632 ☐
B. 2,195 = 6,827 – 4,632 ☐
C. 4,632 – 2,195 = 6,827 ☐

4. Jane has written some calculations based on this part-whole model.



A. 1,245 + 2,427 = 3,672
B. 3,672 = 2,427 – 1,245
C. 2,427 = 3,672 + 1,245

Is Jane correct? Explain your answer.

Geometry: there are Purple Mash tasks set as a 2Do.

Date:
Comments:

Date:
Comments:

Topic/Creative

History: can you research significant space explorers in modern history and create your own timeline? Include the dates of their achievements, what they did and why it was a step forward in our understanding of our universe?

Date:
Comments:

Science/Computing – complete after Week 3:
Can you create a stop-motion animation of our solar system? Think about the order of the planets, the distance between them and their journey around the sun. Add narration to explain the features of the different planets and the distances between them.

Date:
Comments :

Art and Design:
Practise your pencil skills – choose a landscape/view to observe. Sketch, shade, blend and add texture to create your piece. Can you show the same landscape at different times of day and how the light is different?
DT
Create a model of the piece of equipment you invented/improved in your writing task.

Date:
Comments:

PSCHE / Family Discussion activity:
Why is it important to the human race to explore space?
What are your thoughts on the amount of 'space debris' that we have left in space?
Should we be using our resources to travel further in to space and what impact might we have on our solar system?
What do you think our space exploration will be like in 10, 20, 50 and a 100 years?

Date:
Comments: