

# SPACE LOG

## CURRICULUM MAPPING

### Reading

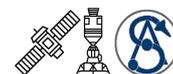
- Understand increasingly challenging texts through:
- Learning new vocabulary, relating it explicitly to known vocabulary and understanding it with the help of context and dictionaries
- Making inferences and referring to evidence in the text
- Knowing the purpose, audience for and context of the writing and drawing on this knowledge to support comprehension
- Checking their understanding to make sure that what they have read makes sense.
- Read critically through:
- Knowing how language, including figurative language, vocabulary choice, grammar, text structure and organisational features, presents meaning

### Writing

- Write accurately, fluently, effectively and at length for pleasure and information through:
- writing for a wide range of purposes and audiences, including:
- Stories, scripts, poetry and other imaginative writing
- A range of other narrative and non-narrative texts, including arguments, and personal and formal letters
- Summarising and organising material, and supporting ideas and arguments with any necessary factual detail
- Applying their growing knowledge of vocabulary, grammar and text structure to their writing and selecting the appropriate form
- Plan, draft, edit and proof-read through:
- Considering how their writing reflects the audiences and purposes for which it was intended
- Amending the vocabulary, grammar and structure of their writing to improve its coherence and overall effectiveness
- Paying attention to accurate grammar, punctuation and spelling; applying the spelling patterns and rules set out in english appendix 1 to the key stage 1 and 2 programmes of study for english.

### Speaking

- Speak confidently and effectively, including through:
- Using standard english confidently in a range of formal and informal contexts, including classroom discussion



# SPACE LOG TASK 1

## INTRODUCTION

A Training log is like a diary. They are completed regularly, often every day. They give a chance to set yourself targets. Sports people use them to measure their progress. Astronaut candidates might have a “Selection Log” where each test they did was given a score and carefully checked to see who might cope best in Space. A judge would add comments and the astronaut would say how they think the task went.

Read back through the selection tasks vlog 2 “*The 3 little origami birds...I hate spiders.*”

## MAIN LESSON

Imagine **you** are the astronaut candidate.

Below is a list of astronaut tasks Tazz experienced. Invent a log **for yourself** as you build up to the big day when you will take off into Space. Think about your personality and how well you will cope with each task listed below. The first task has been completed for you to show you how to fill this in. Notice the different style for the judge’s comments and Sasha’s. Sasha sounds more like a person talking to you. The Judge is more formal. Use this difference in style in the rest of your log comments.

Set out the log like this:

Name

Date/ Place/ Time spent

Date: 5<sup>th</sup> June.

Place: Comet Central.

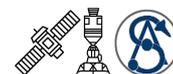
Time spent: 1 hour

Task: Making origami birds

An example: Judge’s Comments: *Sasha completed her bird slowly but correctly. She was neat and careful in her folding and her second bird turned out very well and was a very good copy of the first. She had time to make two more before the ten-minute time limit was reached.*

**Comments from Sasha:** *I really liked this task. At first it was hard to work out how the bird was made from just a simple square of paper and it took me a while to get the hang of it. I enjoyed this task and I think I did well. I wasn’t the fastest but the birds I made were neat and I didn’t lose my temper and throw all the paper in the bin like the person next to me!*

Here are the tasks you will need for your log. Write them down the left-hand side of your page then start your Log.

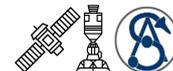


- Origami Birds
- Centrifuge
- Vomit Comet
- Making food
- Fitness
- Pain tolerance
- Operating machinery
- Ear tests
- Swimming Pool/zero g training
- Simulator
- Flotation Tank
- Wilderness Training

Edit and check your writing for expression and accuracy.

## PLENARY

Make sure your completed piece of work looks official and formal, a bit like a school report.



## SPACE LOG TASK 2

### INTRODUCTION

Practical tasks- Selection process using yourself as the astronaut.

Try the following:

- Moving cotton wool balls around a simple obstacle course with your eyes shut/moving objects with paddle/spoon. Set time limits and penalty zones on your obstacle course
- Tying shoelaces in big gloves
- Drawing a person with both hands at once.

**Discuss:** Astronaut candidates were told to make origami birds. They were given a completed one and had to work out how to make one themselves and then continue for ten minutes to see if they could make more and whether the birds they made were identical. Some candidates found this incredibly hard. In a pair, discuss what skills you think were being tested?

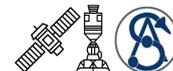
### MAIN LESSON

Write about your own experience of the tests, commenting on which were harder or easier and why.

Make up a test of your own and explain how it would work and what qualities it would measure in the astronaut candidates. Use the objects around you or simple plastics and cardboard.

### PLENARY

Present your test to the class. Try each other's tests and discuss which worked best.



## SPACE LOG TASK 3

### INTRODUCTION

**With a partner**, list all the personal qualities you came up with in your log. Now see how many more personal qualities you can come up with. **Discuss** the Mission statement and guidance Tazz would have received and make notes. This would be her plan of action with tasks for each day. How would this document look? What sections would it have? Save this for mission debrief.

### MAIN LESSON

**The Mission-Training Log-** Design a crest, inventing your own space agency.

**Write- Report on yourself as astronaut in a mission debrief** (This is like a School report with a twist)

**Include:** Crest/logo designed by you.

**Consider:** practical skills, challenges faced, coping under stress. Qualities: fortitude, adaptability, quick-thinking?

### PLENARY

Drama task (groups of four): Hold a meeting where you discuss these reports on astronauts **as if you are experts**. Choose a chairperson. Shuffle the logs. Discuss each candidate as if you are seeing their log for the first time. Report back to the whole class.