

## Superb Space Stations - Choice

Assessment  
Cross-curricular

worksheet

You're an astronaut! You must command a team of astronauts that will live on a far away planet or moon for 6 years to do scientific research. You may choose any terrestrial planet or moon, then research the conditions there and plan your space station accordingly.

Planet or moon: \_\_\_\_\_

1.	High Temperature	
2.	Low Temperature	
3.	Average Temperature	
4.	Length of one "day"	
5.	Is there an atmosphere? If so, what is it made of?	
6.	What's the gravity like compared to earth?	
7.	Does it have a magnetic field? (if not, you might have more issues with radiation)	
8.	What's the surface of the planet like?	

9.	Is there water there?	
10.	How long is one year on your planet (one full rotation around the sun)?	
11.	What's the distance around your planet (circumference)? How does this compare to earth?	
12.	Are there any useful things on the planet's surface?	
13.	Are there any useful things under the planet's surface?	
14.	What's interesting about this planet?	
15.	Average distance from the sun?	
16.	How long would it take to send a message to earth and get a response?	
17.	How much light does the planet get compared to earth? (important for growing plants and getting solar power)	