







Santa 2025

When we colonise the solar system, Santa will have to modernise. He may need to move to another planet!



My requirements are:

-  I need a long day so I have enough time to deliver all the presents.
-  The elves need a long year to make the presents.
-  I need a small planet so that I can travel all over it quickly.
-  I would prefer not to travel more than 650 million Km from Earth.
-  I prefer a planet where snow won't melt, but I don't like temperatures below -150°C
-  I would rather live on a rocky planet than float above a gas giant.



Choose 3 planets that best meet each of Santa's requirements.



- a) Write an e-mail telling Santa which planet he should move to, and why.**
- b) Design a Christmas card showing why this planet is a great place to spend Christmas.**



Planet	Distance from sun (million Km)	Time to spin on axis (Earth days)	Time to orbit sun (Earth years)	Diameter (Km)	Average Temperature (°C)
Mercury	58	59.0	0.2	4 880	350
Venus	108	243.0	0.6	12 100	480
Earth	150	1.0	1.0	12 673	20
Mars	228	1.0	1.9	6 780	-23
Jupiter	778	0.4	12	142 800	-150
Saturn	1 430	0.4	29	120 000	-190
Uranus	2 870	0.7	84	51 100	-210
Neptune	4 500	0.7	165	50 500	-220

