Project Inclusion - Mobility in Iasi, Romania, the 12-19th of May 2019

Topic „Traveler among the stars "

Preparation Phase for the students:

Research the basic data of the planets on the net. Calculate the average distance and time. Make a table as the example below (use a spreadsheet software like Excel or Google table).

No.	Planet name in your language	Planet name in English	Maximum distance from sun (million km)?	Minimum distance from sun (million km)?	Average distance from sun (million km)?	Diameter in km?	How much bigger / smaller than Earth? Earth = 100%	How long takes sunlight to get there? (Average)	How long is one day (earth day)	How long is a year (orbit in earth days)	Features (e.g. with moons, atmosphere, gas or rock)	Which color suits the planet?
1	Erde	Earth	152,1	147,1	149,6	12756	100%	8,31 min	23 h 56 min	365 days	Oxygen atmosphere, one moon, surface mostly water	Blue
2												
3												

Paint a picture of the solar system. Take care of the distance and sizes. Give every planet a unique color.

See you in Iasi!

H. Rösner, Germany