

## Let's be planetary scientists !

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### Abstract

The best way to make kids understand science is to let them try... I will present a few tested examples of planet-related activities, especially focusing on three of them. "The quest for new planets" is related to exoplanets. It proved that even small kids can understand the concepts of center-of-mass, and find planets using transit or astrometry searches. In "Revolutions in the Solar System", they become scientists getting pictures of a planet, and they learn of the similarities and differences between the objects of the Solar System. With "Design of a space mission towards Mars", the secondary school kids learn of the constraints of space travel and devise their own mission. These activities are not 100