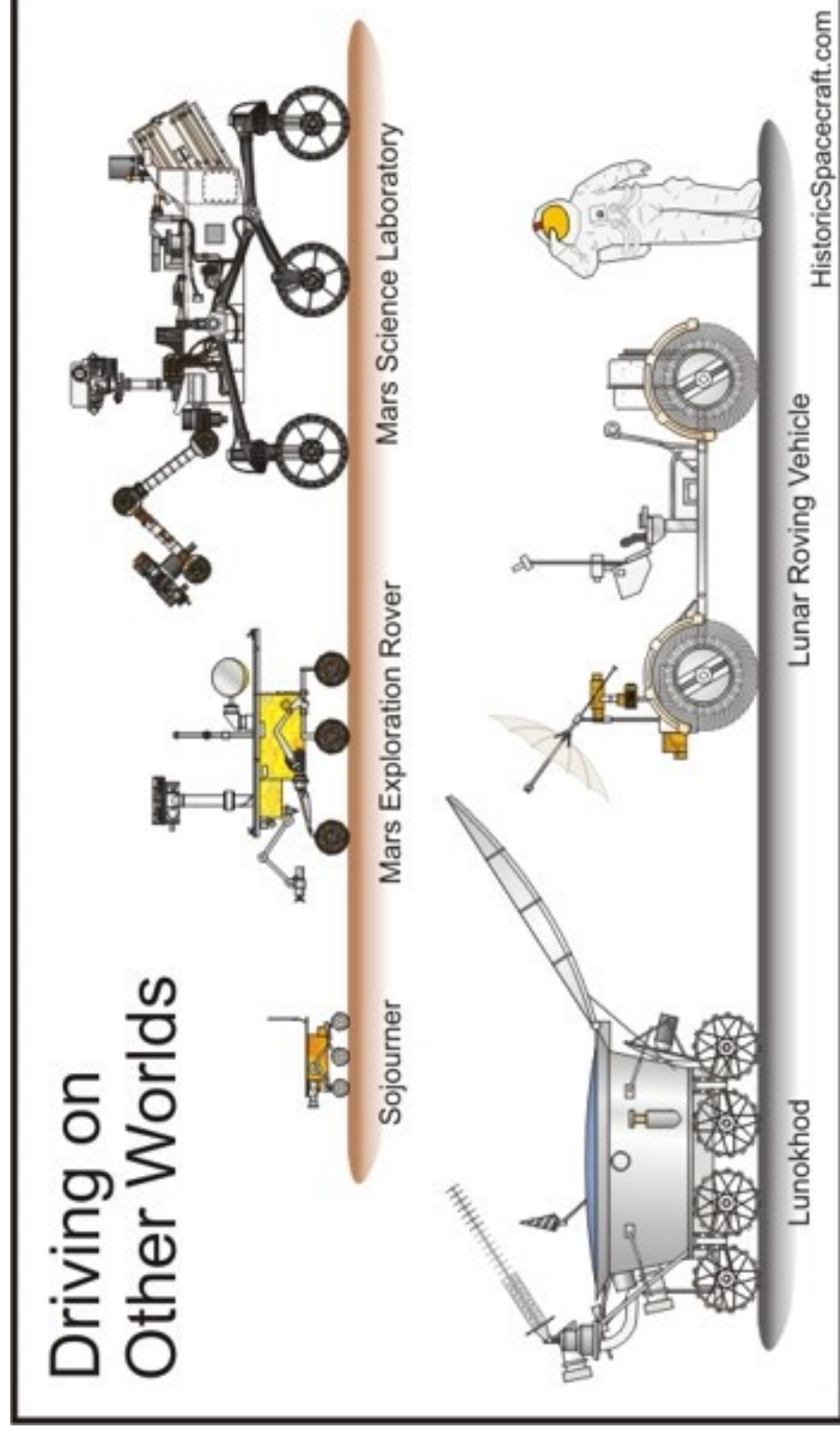




Lunar Rover—Moon—1 rover in 1971, 2 in 1972

Astronauts used them to drive around the moon to explore and collect samples. Rovers were driven a maximum of 22 miles, never more than 5 miles away from the lunar module (in case the rover broke and astronauts needed to walk back to the module.)

Lunokhod—Moon—1970 and 1973

Designed to support Soviet manned moon missions, but the missions were cancelled. Instead, these were used to explore the Moon—they sent back 100,000 TV images, almost 300 panorama images, and soil analyses. One traveled 24 miles.

Sojourner—Mars—1997

Sent back 17,000 images and data on rocks, soil, wind, and weather. Travelled 100 meters over 3 months.

Mars Exploration Rover—Mars

Spirit 2004—2010 and Opportunity—2004—present. Study rocks and soils, search for signs of water and signs of life. Opportunity has traveled 28 miles over 14 years.

Mars Science Laboratory—Mars

The Curiosity Rover has been active on Mars since August 2012. Studying Martian climate, geology, searching for water and signs Mars ever supported life.

Future planned rover missions:

Chandrayaan—India and Russia joint project. Lunar rover, planned for 2018. TeamIndus, private company from Bangalore, planning lunar rover. Planned for 2018, but Google Lunar X prize competition funding canceled. ExoMars Rover—European Space Agency, planned for launch in 2020. Mars 2020 by NASA, possible launch to Mars in 2020, looking for signs of life.