


Launch System

Rocket (required)


Rocket Nose Cone (required)



Power System

Power System


Battery (solar only)



Computer System

Microprocessor (required)

Main Bus (required)




Communications System


Main Antenna (required)

Backup Antenna (optional)

Main Memory Card (required)



Mobility System  
(not required for orbiter and stationary lander missions)




Goals

Mission Target (required)


Mission Type (required)

Biosignatures (required)



Mechanical System

(Choose optional systems to increase science points)




Entry, Descent & Landing System  
(not required for orbiter missions)

Heat Shield (required for Mars & Titan)

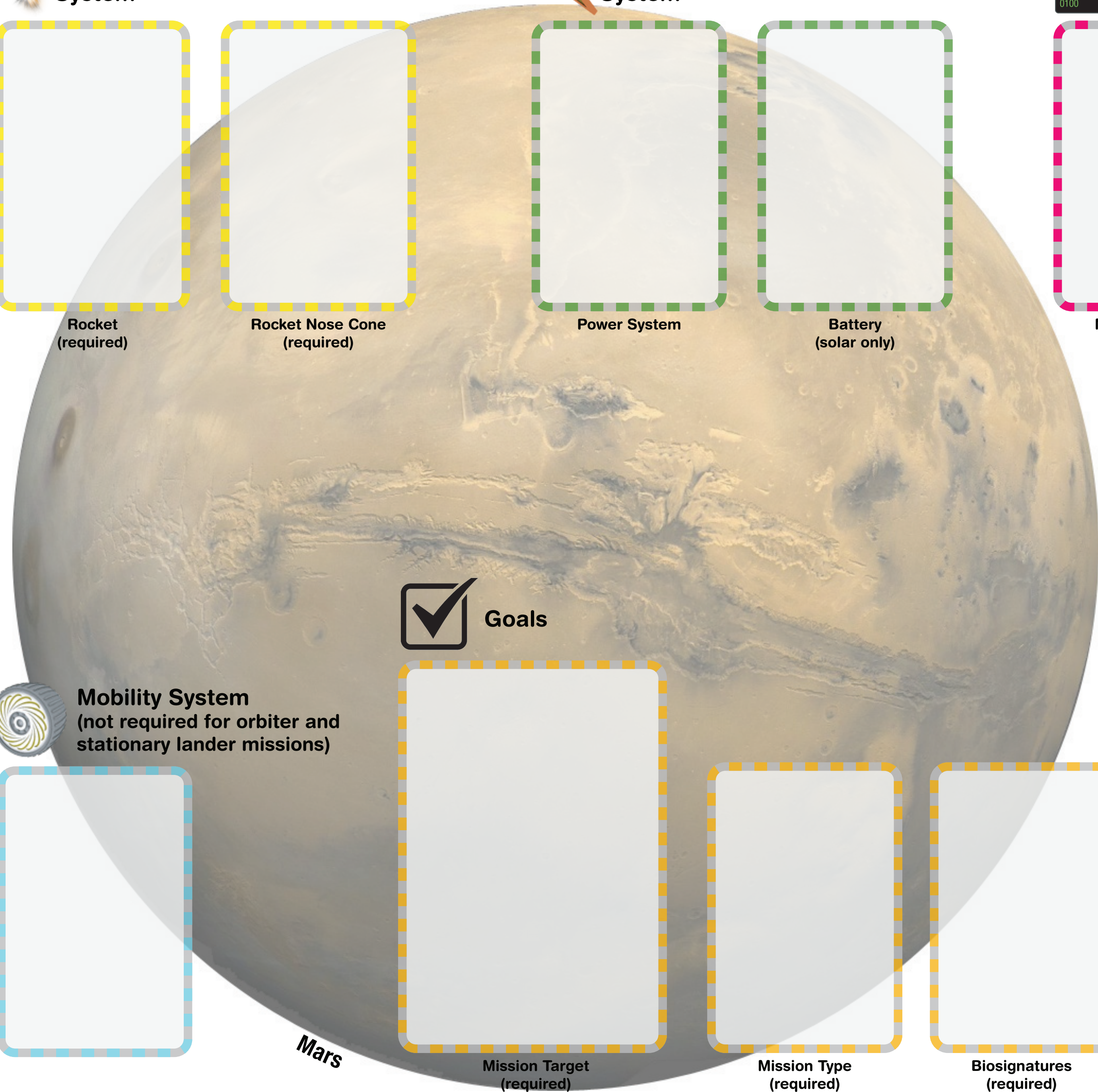
Parachute (required for Mars & Titan)

Landing System (required)

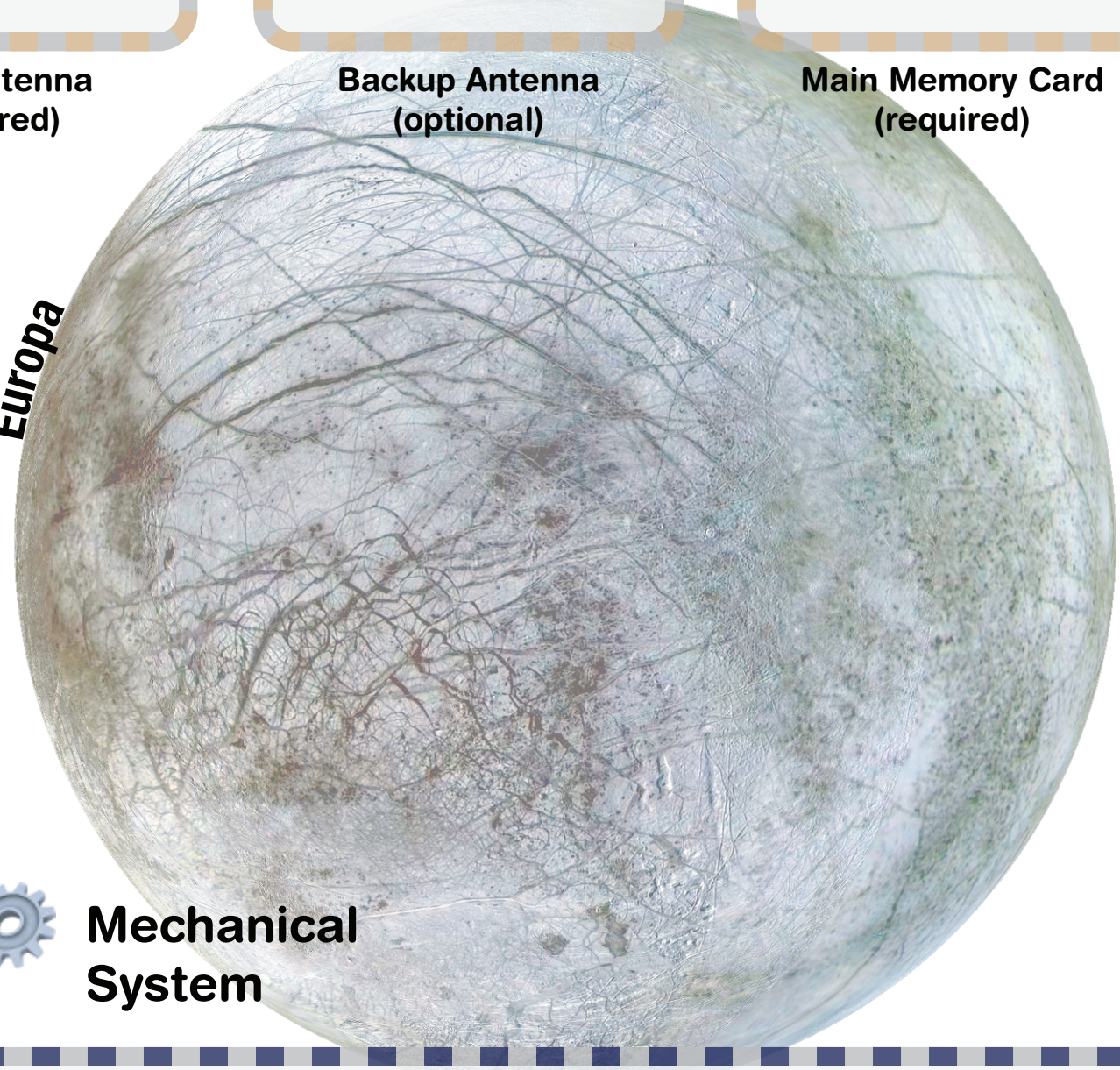


Science Instruments

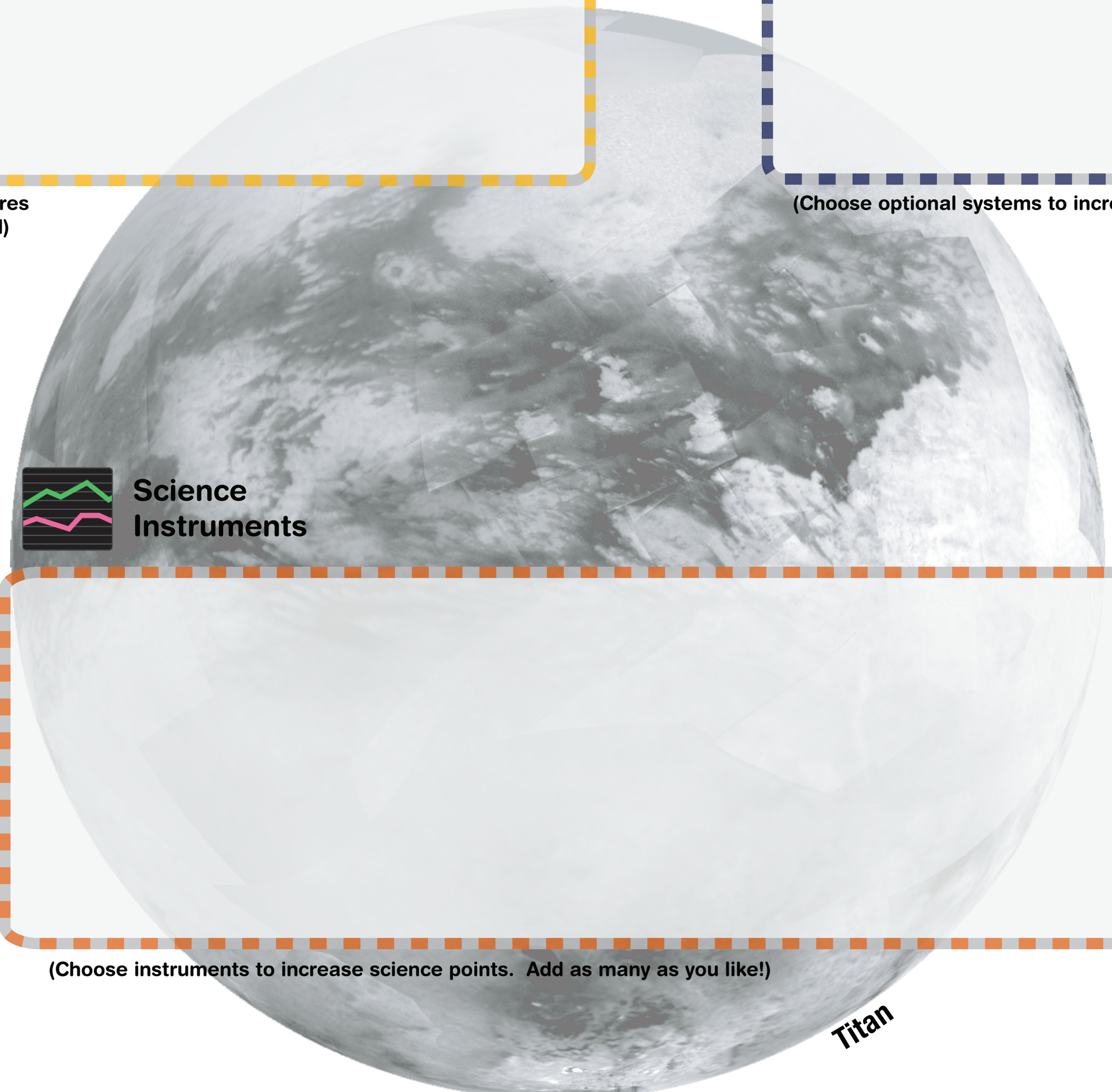
(Choose instruments to increase science points. Add as many as you like!)



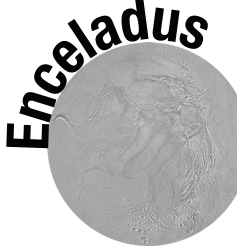
Mars



Europa



Titan



Enceladus

ASTROBIOBOUND: THE SEARCH FOR LIFE IN THE SOLAR SYSTEM

SPACECRAFT DESIGN MAT