



Double Asteroid Redirection Test

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- On November 24, NASA will launch the agency's first planetary defense test mission named 'Double Asteroid Redirection Test' (DART).
- The main aim of the mission is to test the newly developed technology that would allow a spacecraft to crash into an asteroid and change its course.
- The spacecraft will be launched on a Space-X Falcon 9 rocket from Vandenberg Space Force Base in California. The target of the spacecraft is a small moonlet called Dimorphos.
- It has two solar arrays and uses hydrazine propellant for maneuvering the spacecraft. The spacecraft carries a high-resolution imager called Didymos Reconnaissance and Asteroid Camera for Optical Navigation (DRACO). Images from DRACO will be sent to Earth in real-time.