**SECTION EUROPEENNE**

**Epreuve spécifique de sciences physiques en anglais**

**Exoplanet**

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| **Are every planet in the universe moving like Earth ?**  **Document :** : Video « Exoplanets »  An astronomer explains his discovery about a planet called 16-cygnus-B located in the constellation of « cygnus the swan ».  . |

**TASK : You heard about the motion of 16-cygnus-b on TV. Explain your parents how that can be explained thanks to what you learned this year.**

* What are the trajectories of 16-cygnus-B and of the planets in the solar system ?
* Does it agree with Kepler's laws ?
* What else can you tell about 16-cygnus-B motion ?
* Could life exist on this planet ?