## Worksheet for “LESSON 2: Space telescopes”

*Class divides students into two teams. Each team fills up a column of the comparison table below. Teams can also use Wikipedia to get more information.*

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| **Basic technical**  **characteristics**  **of the space telescopes** | **Hubble**  The Hubble Space Telescope in orbit | **James Webb**  https://upload.wikimedia.org/wikipedia/commons/thumb/4/47/James_Webb_Space_Telescope_2009_top.jpg/563px-James_Webb_Space_Telescope_2009_top.jpg |
| Dimensions (m) |  |  |
| Launch date |  |  |
| Primary mirror’s diameter (m) |  |  |
| Focal length (m) |  |  |
| Power (KW) |  |  |
| Regions of electromagnetic spectrum observed (UV/IR) |  |  |
| Orbits away from Earth (km) |  |  |
| Period (time) |  |  |
| Uses sunshield (y/n) |  |  |
| Uses solar panel arrays (y/n) |  |  |
| Serviceable (y/n) |  |  |