Canada Goes to the Moon Bingo Teacher Card

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| **Question** | **Answer** |
| Which destination is the farthest away. The ISS, the Moon, or Mars? | **Mars** |
| During which Artemis mission will a Canadian astronaut be flying around the Moon?  | **Artemis II** |
| How many days does it take to travel from Earth to the Moon?  | 3 days |
| What crucial resource found at the South Pole of the Moon? | Water |
| How many crew members can live and work on The Gateway at the same time?  | 4 |
| Space exploration helps us develop remote health care techniques like \_\_\_\_\_\_\_\_\_\_\_.  | Telemedicine  |
| Canada is providing a smart robotic system called \_\_\_\_\_\_\_\_\_\_\_ to manage operations on The Lunar Gateway.  | Canadarm3 |
| The Gateway is about \_\_\_\_\_\_\_\_ times further from Earth than the ISS. | Approx. 1000 times |
| Name the Canadian company designing the lunar rover. | Canadensys |
| What kind of technology is used for national security, and to monitor resources and the health of the climate? r\_ \_ \_ r | Radar |
| How much smaller is The Lunar Gateway than the ISS?  | Six times smaller |
| Space exploration partnerships with other countries allow us to work \_\_\_\_\_\_\_\_\_\_\_\_\_ together towards a common goal.  | Peacefully |
| Canada signed an international agreement called the \_\_\_\_\_\_\_\_\_\_\_\_\_ Accords. | Artemis |
| Planning for deep space exploration is similar to planning for \_\_\_\_\_\_\_\_\_\_\_ trips. | Camping |
| What does managing operations autonomously mean? | Without people being involved directly |
| The new Canadian lunar rover is funded by the LEAP program. What does LEAP stand for? | Lunar Exploration Accelerator Program  |

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| **Question** | **Answer** |
| A Canadian rover will explore the \_\_\_\_\_\_\_\_\_\_\_ region of the Moon.  | South Polar |
| The famous \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ photograph allowed humans to see how small and fragile our planet is.  | Earthrise |
| About \_\_\_\_\_\_\_\_\_\_\_\_\_ people have jobs in the space sector in Canada.  | 22 000 |
| One of the functions of The Lunar Gateway is to serve as a science \_\_\_\_\_\_\_\_\_\_\_\_.  | Laboratory |
| The study of \_\_\_\_\_\_\_\_\_\_ in space allows us to improve our food preservation and healthcare techniques.  | Microbiology |
| In 2018, total revenues in the Canadian space sector reached $\_\_\_\_\_\_\_\_\_ billion.  | 5.7 |
| China launched a lunar rover in 2018. What is its name? | Yutu 2 |
| Canada has become a world leader in space \_\_\_\_\_\_\_\_\_\_\_.  | Robotics |