

Moon Stakeholder Cards

Roundtable Debate Activity

Scientists / Researchers

Key Interests

- Study lunar geology, composition, and impact history.
- Advance knowledge of planetary formation and space science.
- Conduct experiments in low gravity environments.
- Promote sustainable and minimally invasive exploration.
- Collaborate internationally to share knowledge.

Guiding Questions

- How does lunar research benefit people on Earth?
- What risks come from prioritizing profit over science?
- How can research be done without damaging key sites?
- Should scientific knowledge be shared globally?

Building Strong Arguments

- State a clear claim: What does your group want?
- Support with evidence or reasoning (science, economics, ethics).
- Explain why it matters (impact on Earth or the future).
- Respond to another group's idea (agree, challenge, or build on it).
- Propose a compromise or alliance when possible.

Government Agencies

Key Interests

- Enhance national prestige and global influence.
- Regulate activities based on international agreements.
- Support innovation, research, and infrastructure.
- Invest in long-term mission planning and safety.
- Form partnerships with private and international groups.

Guiding Questions

- Why should governments lead lunar exploration?
- How should the Moon be regulated globally?
- Should national interests come before cooperation?
- How do you justify public spending on space?

Building Strong Arguments

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- Respond to another group's idea (agree, challenge, or build on it).
- Propose a compromise or alliance when possible.

Key Interests

- Extract valuable lunar resources (e.g., helium-3).
- Support economic growth through space resources.
- Use advanced robotics and remote operations.
- Balance profit with environmental and legal concerns.
- Build partnerships for funding and development.

Guiding Questions

- What lunar resources are most valuable?
- How do you respond to environmental concerns?
- Should companies profit from space resources?
- How does mining benefit people on Earth?

Building Strong Arguments

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Environmental Advocates

Key Interests

- Protect lunar environments from overexploitation.
- Preserve natural landscapes and historic sites.
- Promote sustainable exploration practices.
- Influence policy through advocacy.
- Balance exploration with long-term stewardship.

Guiding Questions

- Does the Moon need protection like Earth?
- What limits should be placed on human activity?
- How do you respond to economic arguments?
- What does sustainable exploration look like?

Building Strong Arguments

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Space Tourism Companies

Key Interests

- Develop commercial lunar travel experiences.
- Offer orbital or surface tourism opportunities.
- Generate profit while managing safety risks.
- Collaborate for transportation and infrastructure.
- Expand access to space experiences.

Guiding Questions

- Who should have access to space tourism?
- Is tourism a valuable use of resources?
- How do you ensure safety?
- How might tourism impact the Moon?

Building Strong Arguments

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- Explain why it matters (impact on Earth or the future).
- Respond to another group's idea (agree, challenge, or build on it).
- Propose a compromise or alliance when possible.

Key Interests

- Fund innovation and major lunar projects.
- Influence space development decisions.
- Combine profit with prestige and vision.
- Support startups and infrastructure.
- Partner with governments and researchers.

Guiding Questions

- What projects are worth investing in?
- Should profit or innovation come first?
- How much influence should investors have?
- How do investments benefit humanity?

Building Strong Arguments

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- Explain why it matters (impact on Earth or the future).
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Humanitarian Representatives

Key Interests

- Promote ethical and cultural considerations.
- Emphasize shared human heritage of space.
- Advocate for fairness and responsibility.
- Support global cooperation.
- Ensure benefits are shared equitably.

Guiding Questions

- Who owns the Moon?
- How should ethics guide exploration?
- What responsibilities do humans have?
- How can benefits be shared fairly?

Building Strong Arguments

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