**Example schedule for Remote Sensing Science Unit:**

**If your OST meets 1 hour every day, Mon- Friday.**

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| **Week** | **Monday** | **Tuesday** | **Weds** | **Thursday** | **Friday** |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go!  (45 mins)  **Ed Prep: 60 mins** | Science Activity 1: Technology Stories: Sharing Experiences  (45 mins)  **Ed Prep: 45 mins** | Science Activity 2:  The Lay of the Land: Introducing Landforms (45 mins)  **Ed Prep: 60 mins** | Science Activity 3: Red Planet Places: Exploring Landforms on Mars (45 mins)  **Ed Prep: 60 mins** | Science Activity 4: Shape Up: Introducing Topography (45 mins)  **Ed Prep: 30 mins** |
| Week 2 | Science Activity 5: Cliffs and Craters: Exploring Topography on Mars (45 mins)  **Ed Prep: 30 mins** | Science Activity 6: Cliffs and Craters: Exploring Topography on Mars  (45 mins)  **Ed Prep: 50 mins** | Science Activity 7: Hidden Minerals: Using Spectroscopy to Understand Mars  (45 mins)  **Ed Prep: 50 mins** | Science Activity 8: Destination Mars: Choosing a Landing Site and Preparing for the Science Share-Out (45 mins)  **Ed Prep: 40 mins** | Science Activity 9: Sum It Up: Science Share-Out (45 mins)  **Ed Prep: 40 mins** |

**If your OST meets 1 hour, 2x during the week.**

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| **Week** | **Monday** | **Weds** |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go!  (45 mins), **Ed Prep: 60 mins** | Science Activity 1: Technology Stories: Sharing Experiences  (45 mins), **Ed Prep: 45 mins** |
| Week 2 | Science Activity 2: The Lay of the Land: Introducing Landforms (45 mins), **Ed Prep: 60 mins** | Science Activity 3: Red Planet Places: Exploring Landforms on Mars (45 mins), **Ed Prep: 60 mins** |
| Week 3 | Science Activity 4: Shape Up: Introducing Topography (45 mins), **Ed Prep: 30 mins** | Science Activity 5: Cliffs and Craters: Exploring Topography on Mars (45 mins), **Ed Prep: 30 mins** |
| Week 4 | Science Activity 6: Cliffs and Craters: Exploring Topography on Mars (45 mins), **Ed Prep: 50 mins** | Science Activity 7: Hidden Minerals: Using Spectroscopy to Understand Mars (45 mins), **Ed Prep: 50 mins** |
| Week 5 | Science Activity 8: Destination Mars: Choosing a Landing Site and Preparing for the Science Share-Out (45 mins),  **Ed Prep: 40 mins** | Science Activity 9: Sum It Up: Science Share-Out (45 mins)  **Ed Prep: 40 mins** |

**Example schedule for Remote Sensing Engineering Unit:**

**If you OST meets 1 hour every day, Mon- Friday.**

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| **Week** | **Monday** | **Tuesday** | **Weds** | **Thursday** | **Friday** |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins)  **Ed Prep: 60 mins** | Engineering Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 30** | Engineering Activity 2: Lighten Up! Investigating Light (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 3: Looking Beyond: Portable Light Redirection (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 4: Hide and Seek: Finding Minerals (45 mins)  **Ed Prep: 45 mins** |
| Week 2 | Engineering Activity 5: Taking Shape: Finding the Shape of the Land  (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 6: Put It Together: Creating a Remote Sensing Device  (45 mins)  **Ed Prep: 60 mins** | Engineering Activity 7: The Final Test: Improving a Remote Sensing Device  (45 mins)  **Ed Prep: 35 mins** | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45 mins)  **Ed Prep: 40 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45 mins)  **Ed Prep: 45 mins** \*days in advance |

**If your OST meets 1 hour, 2x during the week.**

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| **Week** | **Monday** | **Weds** |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go!  (45 mins), **Ed Prep: 60 mins** | Engineering Activity 1: Technology Stories: Sharing Experiences (45 mins), **Ed Prep: 30** |
| Week 2 | Engineering Activity 2: Lighten Up! Investigating Light (45 mins), **Ed Prep: 30 mins** | Engineering Activity 3: Looking Beyond: Portable Light Redirection (45 mins), **Ed Prep: 30 mins** |
| Week 3 | Engineering Activity 4: Hide and Seek: Finding Minerals (45 mins), **Ed Prep: 45 mins** | Engineering Activity 5: Taking Shape: Finding the Shape of the Land (45 mins), **Ed Prep: 30 mins** |
| Week 4 | Engineering Activity 6: Put It Together: Creating a Remote Sensing Device (45 mins), **Ed Prep: 60 mins** | Engineering Activity 7: The Final Test: Improving a Remote Sensing Device (45 mins), **Ed Prep: 35 mins** |
| Week 5 | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45 mins) , **Ed Prep: 40 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out  (45 mins), **Ed Prep: 45 mins, \*days in advance** |

**Example schedule for Science & Engineering Unit:**

**If your OST meets 2-3 hours for every day, Mon- Friday.**

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| **Week** | **Monday** | **Tuesday** | **Weds** | **Thursday** | **Friday** |
| Week 1– Science Pathway  (*2hr/day of teaching*) | Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins) **Ed Prep: 60 mins**  Science Activity 1: Technology Stories: Sharing Experiences  (45 mins)  **Ed Prep: 45 mins** | Science Activity 2: The Lay of the Land: Introducing Landforms (45 mins)  **Ed Prep: 60 mins**  Science Activity 3: Red Planet Places: Exploring Landforms on Mars (45 mins)  **Ed Prep: 60 mins** | Science Activity 4: Shape Up: Introducing Topography  (45 mins)  **Ed Prep: 30 mins**  Science Activity 5: Cliffs and Craters: Exploring Topography on Mars (45 mins)  **Ed Prep: 30 mins** | Science Activity 6: Cliffs and Craters: Exploring Topography on Mars (45 mins)  **Ed Prep: 50 mins**  Science Activity 7: Hidden Minerals: Using Spectroscopy to Understand Mars (45 mins)  **Ed Prep: 50 mins** | Science Activity 8: Destination Mars: Choosing a Landing Site and Preparing for the Science Share-Out (45 mins)  **Ed Prep: 40 mins**  Science Activity 9: Sum It Up: Science Share-Out  (45 mins)  **Ed Prep: 40 mins**  \*Once you have completed activity 9, you’ve completed the Science pathway. |
| Week 2– Engineering Pathway  (*2hr/day of teaching*) | *\*If the same group continues, make note the Ready SET Go & Sci/Eng is the same for both pathways.*  Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins)  **Ed Prep: 60 mins**  Engineering Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 2: Lighten Up! Investigating Light (45 mins)  **Ed Prep: 30 mins**  Engineering Activity 3: Looking Beyond: Portable Light Redirection (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 4: Hide and Seek: Finding Minerals  (45 mins)  **Ed Prep: 45 mins**  Engineering Activity 5: Taking Shape: Finding the Shape of the Land (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 6: Put It Together: Creating a Remote Sensing Device (45 mins) **Ed Prep: 60 mins**  Engineering Activity 7: The Final Test: Improving a Remote Sensing Device (45 mins)  **Ed Prep: 35 mins** | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45 mins)  **Ed Prep: 40 mins**  Engineering Activity 9: Sum It Up: Engineering Share-Out (45 mins)  **Ed Prep: 45 mins**  \*days in advance  \*Once you have completed activity 9 , you’ve completed the Science pathway. |

**Example schedule for Science & Engineering Unit:**

**If your OST meets 1 hour for 4x a week, Mon-Thurs.**

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| **Week** | **Monday (45 mins)** | **Tuesday (45 mins)** | **Weds (45 mins)** | **Thursday (45 mins)** |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins)  **Ed Prep: 60 mins** | Science Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 45 mins** | Science Activity 2: The Lay of the Land: Introducing Landforms (45 mins)  **Ed Prep: 60 mins** | Science Activity 3: Red Planet Places: Exploring Landforms on Mars (45 mins)  **Ed Prep: 60 mins** |
| Week 2 | Science Activity 4: Shape Up: Introducing Topography (45 mins)  **Ed Prep: 30 mins** | Science Activity 5: Cliffs and Craters: Exploring Topography on Mars (45 mins)  **Ed Prep: 30 mins** | Science Activity 6: Cliffs and Craters: Exploring Topography on Mars  (45 mins)  **Ed Prep: 50 mins** | Science Activity 7: Hidden Minerals: Using Spectroscopy to Understand Mars (45 mins)  **Ed Prep: 50 mins** |
| Week 3,  End of Science, Begin Engineering | Science Activity 8: Destination Mars: Choosing a Landing Site and Preparing for the Science Share-Out (45 mins)  **Ed Prep: 40 mins** | Science Activity 9: Sum It Up: Science Share-Out (45 mins)  **Ed Prep: 40 mins** | Engineering Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 30** | Engineering Activity 2: Lighten Up! Investigating Light (45 mins)  **Ed Prep: 30 mins** |
| Week 4, Cont’ Engineering | Engineering Activity 3: Looking Beyond: Portable Light Redirection (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 4: Hide and Seek: Finding Minerals (45 mins)  **Ed Prep: 45 mins** | Engineering Activity 5: Taking Shape: Finding the Shape of the Land (45 mins)  **Ed Prep: 30 mins** | Engineering Activity 6: Put It Together: Creating a Remote Sensing Device (45 mins)  **Ed Prep: 60 mins** |
| Week 5, Cont’ Engineering | Engineering Activity 7: The Final Test: Improving a Remote Sensing Device (45 mins)  **Ed Prep: 35 mins** | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45 mins)  **Ed Prep: 40 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45 mins)  **Ed Prep: 45 mins** \*days in advance |  |

**Example schedule of 4 hrs +, 4 days/week for both Science and Engineering**

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| **Week** | **Monday** | **Tuesday** | **Weds** | **Thursday** |
| Week 1  (~4hrs/day) | Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins)  **Ed Prep: 60 mins**  Science Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 45 mins**  Science Activity 2: The Lay of the Land: Introducing Landforms (45 mins)  **Ed Prep: 60 mins**  Science Activity 3: Red Planet Places: Exploring Landforms on Mars  (45 mins)  **Ed Prep: 60 mins** | Science Activity 4: Shape Up: Introducing Topography  (45 mins)  **Ed Prep: 30 mins**  Science Activity 5: Cliffs and Craters: Exploring Topography on Mars (45 mins)  **Ed Prep: 30 mins**  Science Activity 6: Cliffs and Craters: Exploring Topography on Mars  (45 mins)  **Ed Prep: 50 mins**  Science Activity 7: Hidden Minerals: Using Spectroscopy to Understand Mars (45 mins)  **Ed Prep: 50 mins** | Science Activity 8: Destination Mars: Choosing a Landing Site and Preparing for the Science Share-Out (45 mins)  **Ed Prep: 40 mins**  Science Activity 9: Sum It Up: Science Share-Out (45 mins)  **Ed Prep: 40 mins**  *\*If the same group continues, make note the Ready SET Go & Technology Stories in Sci/Eng is the same for both pathways.*  Ready, S.E.T. (Science, Engineering, Technology), Go! (45 mins)  **Ed Prep: 60 mins**  Engineering Activity 1: Technology Stories: Sharing Experiences (45 mins)  **Ed Prep: 30** | Engineering Activity 2: Lighten Up! Investigating Light (45 mins)  **Ed Prep: 30 mins**  Engineering Activity 3: Looking Beyond: Portable Light Redirection (45 mins)  **Ed Prep: 30 mins**  Engineering Activity 4: Hide and Seek: Finding Minerals (45 mins)  **Ed Prep: 45 mins**  Engineering Activity 5: Taking Shape: Finding the Shape of the Land (45 mins)  **Ed Prep: 30 mins** |
| Week 2  (4 hrs/day) | Engineering Activity 6: Put It Together: Creating a Remote Sensing Device (45 mins)  **Ed Prep: 60 mins**  Engineering Activity 7: The Final Test: Improving a Remote Sensing Device  (45 mins)  **Ed Prep: 35 mins**  Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45 mins)  **Ed Prep: 40 mins**  Engineering Activity 9: Sum It Up: Engineering Share-Out (45 mins)  **Ed Prep: 45 mins**  \*days in advance |  |  |  |