**Example schedule for Water Science Unit:**

**Suitable for Afterschool Programs**

**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! (45mins)  **Ed Prep: 90 mins** | Science Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins** | Science Activity 2: The Blue Planet: Water on Earth (45mins)  **Ed Prep: 10 mins** | Science Activity 3: To the Extremes: Water Habitability (45mins)  **Ed Prep: 40 mins** | Science Activity 4: Around the Sun: Exploring the Solar System (45mins)  **Ed Prep: 30 mins** |
| Week 2 | Science Activity 5: Distant Reservoirs: Water in the Solar System (1hr)  **Ed Prep: 10 mins** | Science Activity 6: Destination Water: Choose a Potential Water Reservoir to Explore (1 hr)  **Ed Prep: 30 mins** | Science Activity 7: Sum It Up: Science Share-Out (1hr)  **Ed Prep: 5 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! (45mins) **Ed Prep: 90 mins** | Science Activity 1: Water Stories: Sharing Experiences (45mins) **Ed Prep: 30 mins** |
| Week 2 | Science Activity 2: The Blue Planet: Water on Earth (45mins) **Ed Prep: 10 mins** | Science Activity 3: To the Extremes: Water Habitability (45mins) **Ed Prep: 40 mins** |
| Week 3 | Science Activity 4: Around the Sun: Exploring the Solar System (45mins)  **Ed Prep: 30 mins** | Science Activity 5: Distant Reservoirs: Water in the Solar System (45mins) **Ed Prep: 10 mins** |
| Week 4 | Science Activity 6: Destination Water: Choose a Potential Water Reservoir to Explore (45mins)  **Ed Prep: 30 mins** | Science Activity 7: Sum It Up: Science Share-Out (45mins) **Ed Prep: 5 mins** |

**Example schedule for Water 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! (45mins)  **Ed Prep: 90 mins** | Engineering Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins** | Engineering Activity 2: Close to Home: Water Where We Are From (45mins)  **Ed Prep: 15 mins** | Engineering Activity 3: Measure Up: Investigating Water Quality (45mins)  **Ed Prep: 15 mins** | Engineering Activity 4: Block It Out: Investigating Filters (45mins)  **Ed Prep: 40 mins** |
| Week 2 | Engineering Activity 5: Order Up!: Investigating Reuse Process (45mins)  **Ed Prep: 60 mins** | Engineering Activity 6: Reuse in Action: Create a Process (45mins)  **Ed Prep: 45 mins** | Engineering Activity 7: The Final Test: Improve a Process (45mins)  **Ed Prep: 20 mins** | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45mins)  **Ed Prep: 15 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45mins)  **Ed Prep: 15 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! (45mins)  **Ed Prep: 90 mins** | Engineering Activity 1: Water Stories: Sharing Experiences (45mins) **Ed Prep: 30 mins** |
| Week 2 | Engineering Activity 2: Close to Home: Water Where We Are From (45mins) **Ed Prep: 15 mins** | Engineering Activity 3: Measure Up: Investigating Water Quality (45mins) **Ed Prep: 15 mins** |
| Week 3 | Engineering Activity 4: Block It Out: Investigating Filters (45mins) **Ed Prep: 40 mins** | Engineering Activity 5: Order Up!: Investigating Reuse Process (45mins) **Ed Prep: 60 mins** |
| Week 4 | Engineering Activity 6: Reuse in Action: Create a Process (45mins) **Ed Prep: 45 mins** | Engineering Activity 7: The Final Test: Improve a Process (45mins) **Ed Prep: 20 mins** |
| Week 5 | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45mins) **Ed Prep: 15 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45mins) **Ed Prep: 15 mins** |

**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! (45mins)  **Ed Prep: 90 mins**  Science Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins** | Science Activity 2: The Blue Planet: Water on Earth (45mins)  **Ed Prep: 10 mins**  Science Activity 3: To the Extremes: Water Habitability (45mins)  **Ed Prep: 40 mins** | Science Activity 4: Around the Sun: Exploring the Solar System (45mins)  **Ed Prep: 30 mins**  Science Activity 5: Distant Reservoirs: Water in the Solar System (45mins)  **Ed Prep: 10 mins** | Science Activity 6: Destination Water: Choose a Potential Water Reservoir to Explore (45mins)  **Ed Prep: 30 mins**  Science Activity 7: Sum It Up: Science Share-Out (45mins)  **Ed Prep: 5 mins** | \*If you completed 2 activities/day, you’ve completed the Science pathway. |
| Week 2- Engineering Pathway  (*3hr/day of teaching*) | *\*If the same group continues, make note the Ready SET Go*  *& Sci/Eng Activity 1 are the same for both pathways.*  Ready, S.E.T. (Science, Engineering, Technology), Go! (45mins)  **Ed Prep: 90 mins**  Engineering Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins**  Engineering Activity 2: Close to Home: Water Where We Are From (45mins)  **Ed Prep: 15 mins** | Engineering Activity 3: Measure Up: Investigating Water Quality(45mins)  **Ed Prep: 15 mins**  Engineering Activity 4: Block It Out: Investigating Filters (45mins)  **Ed Prep: 40 mins**  Engineering Activity 5: Order Up!: Investigating Reuse Process (45mins)  **Ed Prep: 60 mins** | Engineering Activity 6: Reuse in Action: Create a Process (45mins)  **Ed Prep: 45 mins**  Engineering Activity 7: The Final Test: Improve a Process (45mins)  **Ed Prep: 20 mins**  Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45mins)  **Ed Prep: 15 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45mins)  **Ed Prep: 15 mins**  \*If you completed 3 activities/day, you’ve completed the Engineering 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 (40 mins) | Tuesday (40 mins) | Weds (40 mins) | Thursday (40 mins) |
| Week 1 | Ready, S.E.T. (Science, Engineering, Technology), Go! (45mins)  **Ed Prep: 90 mins** | Science Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins** | Science Activity 2: The Blue Planet: Water on Earth (45mins)  **Ed Prep: 10 mins** | Science Activity 3: To the Extremes: Water Habitability (45mins)  **Ed Prep: 40 mins** |
| Week 2 | Science Activity 4: Around the Sun: Exploring the Solar System (45mins)  **Ed Prep: 30 mins** | Science Activity 5: Distant Reservoirs: Water in the Solar System (45mins)  **Ed Prep: 10 mins** | Science Activity 6: Destination Water: Choose a Potential Water Reservoir to Explore(45mins)  **Ed Prep: 30 mins** | Science Activity 7: Sum It Up: Science Share-Out (45mins)  **Ed Prep: 5 mins** |
| Week 3,  Begin Engineering | Engineering Activity 2: Close to Home: Water Where We Are From (45mins)  **Ed Prep: 15 mins** | Engineering Activity 3: Measure Up: Investigating Water Quality (45mins)  **Ed Prep: 15 mins** | Engineering Activity 4: Block It Out: Investigating Filters (45mins)  **Ed Prep: 40 mins** | Engineering Activity 5: Order Up!: Investigating Reuse Process (45mins)  **Ed Prep: 60 mins** |
| Week 4, Cont’ Engineering | Engineering Activity 6: Reuse in Action: Create a Process (45mins)  **Ed Prep: 45 mins** | Engineering Activity 7: The Final Test: Improve a Process (45mins)  **Ed Prep: 20 mins** | Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45mins)  **Ed Prep: 15 mins** | Engineering Activity 9: Sum It Up: Engineering Share-Out (45mins)  **Ed Prep: 15 mins** |

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

**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!(45mins)  **Ed Prep: 90 mins**  Science Activity 1: Water Stories: Sharing Experiences (45mins)  **Ed Prep: 30 mins**  Science Activity 2: The Blue Planet: Water on Earth (45mins)  **Ed Prep: 10 mins**  Science Activity 3: To the Extremes: Water Habitability (45mins)  **Ed Prep: 40 mins** | Science Activity 4: Around the Sun: Exploring the Solar System (45mins)  **Ed Prep: 30 mins**  Science Activity 5: Distant Reservoirs: Water in the Solar System (45mins)  **Ed Prep: 10 mins**  Science Activity 6: Destination Water: Choose a Potential Water Reservoir to Explore (45mins)  **Ed Prep: 30 mins**  Science Activity 7: Sum It Up: Science Share-Out (45mins)  **Ed Prep: 5 mins** | Engineering Activity 2: Close to Home: Water Where We Are From(45mins)  **Ed Prep: 15 mins**  Engineering Activity 3: Measure Up: Investigating Water Quality(45mins)  **Ed Prep: 15 mins**  Engineering Activity 4: Block It Out: Investigating Filters (45mins)  **Ed Prep: 40 mins**  Engineering Activity 5: Order Up!: Investigating Reuse Process (45mins)  **Ed Prep: 60 mins** | Engineering Activity 6: Reuse in Action: Create a Process(45mins)  **Ed Prep: 45 mins**  Engineering Activity 7: The Final Test: Improve a Process (45mins)  **Ed Prep: 20 mins**  Engineering Activity 8: Spread the Word: Preparing for the Engineering Share-Out (45mins)  **Ed Prep: 15 mins**  Engineering Activity 9: Sum It Up: Engineering Share-Out (45mins)  **Ed Prep: 15 mins** |