

Ambassador Outreach Plan

Identify Classroom Needs:

- How much time can you commit to the outreach? _____
- How much time can the teacher commit to the outreach? _____
- What immediate intended outcomes have you identified for the engagement?
 - Hydropower-focus STEM content
 - Hydropower career pathways and opportunities
 - Overview of hydropower technologies and opportunities
 - Highlight regional hydropower technologies and opportunities
 - Connect to future engagements: Field trips, internships, etc
 - Connect classroom to hydropower resources
 - Engagement in engineering design
 - Other _____
- What requirements exist for visitors in this classroom setting? (Classroom logistics, Photos, COVID requirements, etc)

Pre-Engagement Teacher Check-In:

- Questions for teacher
 - What motivates learning in the classroom setting? (Collaboration, Competition, Opportunities for self-expression or creativity, Rewards, etc)
 - What technology resources are available in the classroom?
 - What opportunities for learning-connected and/or hands-on activities exist?
 - How can I align with a teacher's required standards? Yearly plan?
 - Are there existing engineering design challenges to connect to?
 - Are they looking for field trip opportunities?
- Materials
 - How many students are in the classroom?
 - Teacher preference: digital or physical copies
 - Other material needs (pencils, crayons, etc)
 - Provide teacher copies, parent handouts

During Engagement:

- Opportunities to increase student participation
- Hands-on activity or engineering challenge
 - Consider open-ended challenges where students can solve a problem in many different ways
 - Opportunities for feedback on student work
- Connection to real-world science and application of 21st-century skills: Critical thinking, Creativity, Collaboration, Communication, Information literacy, Media literacy, Technology literacy, Flexibility, Leadership, Initiative, Productivity, and Social skills
- Introduction to the variety of careers based on interest areas in hydropower

Follow Up:

- How will you assess your success?
 - Consider a brief survey or “exit ticket” to assess
- Opportunities for follow up:
 - Video, worksheet, virtual tour, invitation for a field trip, email or address for “ask a professional” assignment, etc
- Information for parent buy-in and support