

OREGON MUSEUM OF SCIENCE AND INDUSTRY

Position Title: Rube Goldberg Volunteer Department: Museum Education
Reports To: Natural Science and Administration Manager

Position Summary: Rube Goldberg volunteers will help OMSI Museum Education staff offer fun, hands-on science learning experiences to Portland Public Schools 7th graders. The program is a student driven designing and building of Rube Goldberg machines. Successful volunteers will encourage students to create their own solutions through questions rather than through lecture-style instruction, maintain a flexible outlook and be ready to take on any challenge.

The programming will be happening periodically throughout the Portland Public Schools (PPS) school year and will occur at OMSI in the mornings on Tuesdays, Wednesdays, and Thursdays. **Dates will be shared to interested candidates who have morning availability.**

Essential Duties and Responsibilities:

- Mentor a team of six students as they design and build a Rube Goldberg machine.
- Help student use tools and materials safely.
- Ensure a safe work environment.
- Assist Museum Educators with classroom management by modeling appropriate behavior, actively engaging students in activities, and intervening when directed by the teacher.
- Work cooperatively with teachers and OMSI staff members.
- Communicate with diverse audiences.
- Assume other duties as assigned by the Natural Science and Administration Manager and education staff.

Required Knowledge/Skills:

- Able to interact positively with 7th grade students.
- Able to maintain a calm, pleasant, and cheerful demeanor in a busy and loud setting.
- Able to communicate effectively with people of all ages and diverse backgrounds.
- Able to provide excellent customer service.
- Must present a professional appearance.
- Dependable and punctual.
- Self-directed and willing to take initiative.
- Willing to follow OMSI rules and procedures.
- Willing to attend training prior to the start of the program.

Preferred Knowledge/Skills:

- Interest in/knowledge of a science or education related field.

For more information, contact the Volunteer Engagement team at
503.797.4596 or Volunteer@omsi.edu
Visit our website at www.omsi.edu/volunteer

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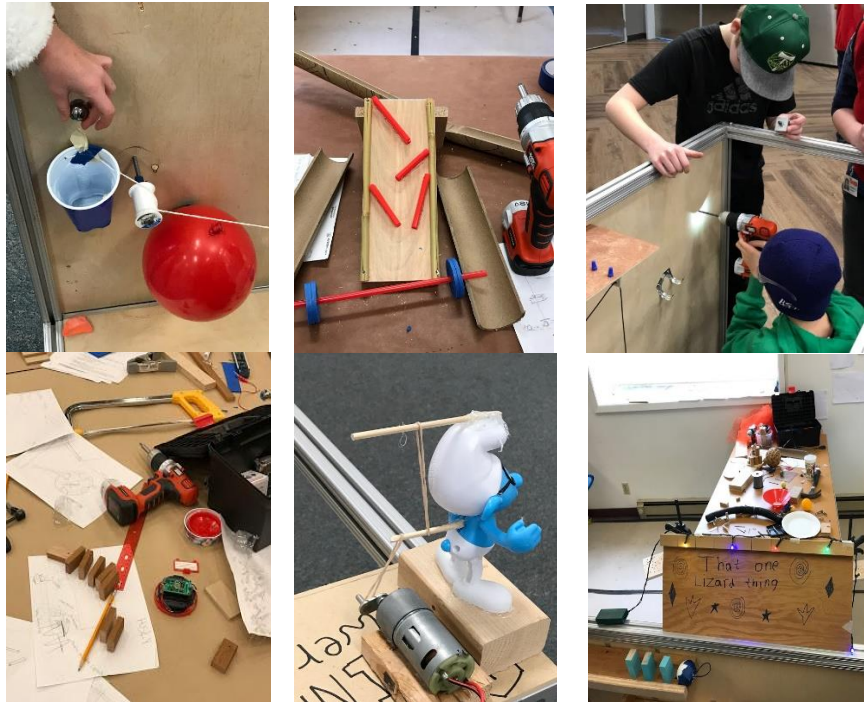
Department: Museum Education

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- Experience supervising, tutoring or teaching students in at least one of the grade levels in middle school.
- Experience using common power and hand tools.
- Experience in museum, camp, or other related, non-traditional learning settings.

VOLUNTEER BENEFITS:

- Training and a lifelong learning experience.
- Admission for the volunteer to the museum, theater and planetarium shows, and submarine tours.
- An OMSI Family Membership upon completion of 50 hours of volunteer service.
- Discounts in the OMSI Science Store and on-site restaurants.
- The opportunity to meet many new people and learn more about OMSI.



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