

STEM Instructor

Reports to: Senior STEM Instructor

Duties:

1. Deliver engaging STEM programs and activities for school groups, community organizations, or other interested audiences, including hands-on experiments, demonstrations, and workshops.
2. Lead the facilitation of interactive and inquiry-based learning experiences that promote critical thinking, problem-solving, and scientific inquiry skills among participants.
3. Guide participants in using scientific equipment, tools, and technologies during their exploration or participation in activities, events, etc.
4. Guide participants as they conduct experiments, make observations, and analyze data to deepen their understanding of scientific principles.
5. Ensure (where applicable) that STEM Mentors observe and record the behavior of participants (using provided rubrics) and provide oral/written reports on incidents.
6. Uphold the Morrison Mentors' code of conduct among participants and ensure that they adhere to it.
7. Model positive and safe behavior to participants that encourage the development of their social-emotional (SEL) skills.
8. Maintain and setup/breakdown (packing, assembly, and dismantling) of STEM exhibits and equipment, ensuring that they are safe, functional, and engaging for participants.
9. Prepare photocopies and package materials for use in workshops and other activities.
10. Collaborate with other STEM Instructors and STEM Mentors to refine STEM programs and activities, based on participant feedback and educational goals.
11. Provide mentorship and guidance to STEM Mentors, fostering their professional growth and ensuring the effective delivery of STEM education programs.
12. Assist with the supervision of STEM Mentors and conducting performance management activities.
13. Stay informed about the latest developments and advancements in STEM fields and integrate relevant content into programming to keep participants up to date with current scientific knowledge.
14. Participate in professional development activities to enhance facilitation skills, knowledge of STEM disciplines, and familiarity with innovative educational practices in informal learning settings.

Print : _____

Signature: _____

Date: _____

Supervisor: _____