

PEER SUPPORT DOCUMENTATION

Robotics Lab – Collaborative Learning Activity

School	M.I. Hajwani English Medium School & Jr. College, Khed
Activity	Peer Support through Robotics Lab Activity
Activity Type	Hands-on STEM / Experiential Learning
Focus	Teamwork, Peer Learning, Problem Solving and Creativity

1. Activity Description

Students participated in a practical Robotics Lab activity in which they worked collaboratively to construct three-dimensional structures using colourful rods and connecting joints. The activity provided an opportunity for students to learn through observation, experimentation, discussion and peer assistance.

2. Peer Support Observed

- Students worked in pairs and supported each other during the construction process.
- Peers shared materials, ideas and techniques while assembling the models.
- Students guided classmates who needed help in connecting the rods and joints correctly.
- Learners discussed possible solutions when they faced difficulties in constructing stable structures.
- Students observed and appreciated one another's work, encouraging cooperation and confidence.

3. Learning Outcomes

- Developed teamwork and cooperative learning skills.
- Improved communication and peer-support abilities.
- Encouraged logical thinking and problem-solving.
- Enhanced creativity and spatial understanding.
- Built confidence through hands-on participation.
- Promoted leadership, responsibility and mutual respect among students.

4. Observation

The photographs show students actively engaged in collaborative Robotics Lab work. They are seen assisting one another, discussing construction ideas and working together to complete their models. The activity created an inclusive and interactive learning environment in which students could learn from both the teacher and their peers.



5. Conclusion

The Robotics Lab activity was a meaningful example of peer-supported experiential learning. Through collaboration and hands-on model building, students strengthened their social, technical, communication and problem-solving skills. The activity also encouraged students to learn together, help one another and participate confidently in STEM-based learning.

6. Photographic Evidence

The following photographs document students participating in the Robotics Lab activity and demonstrate peer support and collaborative learning.





Photograph 1: Students engaged in collaborative Robotics Lab activity



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Photograph 2: Students engaged in collaborative Robotics Lab activity



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