

Strategies for Facilitating STEM Learning

Be a facilitator of STEM learning activities. Remember that your role is not necessarily to teach STEM content, but to help young people learn STEM by providing the space to explore ideas, ask questions, and apply what they already know in meaningful ways. Helping young people ask real questions, steering them in the right direction for seeking answers, and supporting their curiosity throughout are critical steps for good facilitation.

While participating in the activity centers, what questions did you hear us ask?

Take a moment and consider how you facilitate activities. Check the boxes that reflect your facilitation techniques.

Facilitation Techniques	Doing	Can Do	Need Ideas for Improvement
Urge participants to think about their ideas in new ways by asking open-ended questions.			
Encourage the idea that there can be more than one right answer.			
Challenge participants to acknowledge and question their assumptions.			
Provide the time and space for participants to think, to try, and to discuss new ideas.			
Let participants ask and answer their own questions.			
Allow participants to learn from each other by periodically sharing progress and/or discoveries in small or large groups.			



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