

Innovative Ways to Solve Problems

STEAM Connections

Science Technology Engineering Art Mathematics



CONNECT the ways creativity helps people solve problems with ways you can mix things together, experiment, and try new approaches. STEAM projects can involve cooking recipes, blending art materials, predicting outcomes, and learning from mistakes. Creativity helps people solve everyday real-world problems.

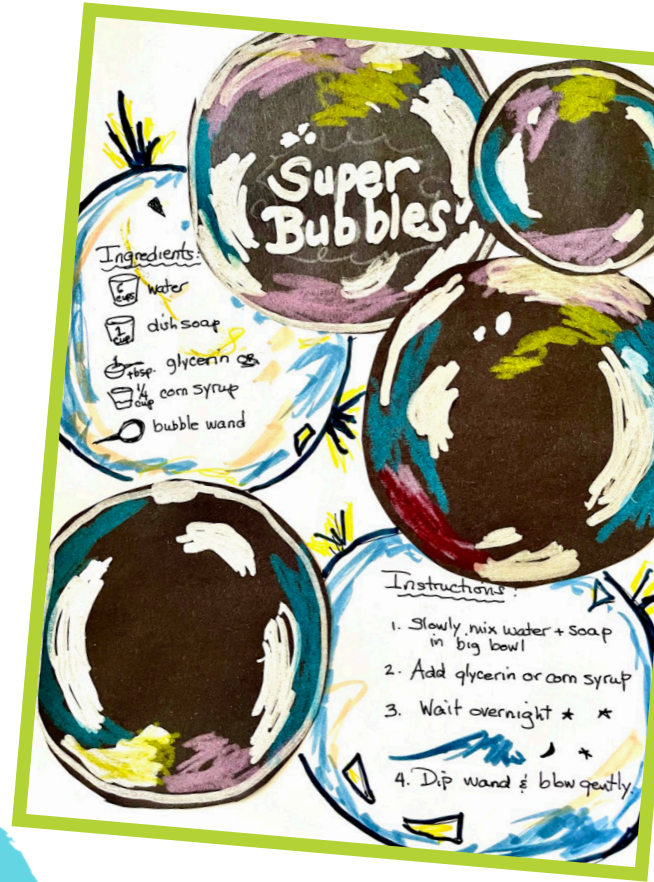


RESPOND to a problem you are facing. Work with a small group and collaboratively decide what problems you and your teammates want to try to solve.

WHAT STEAM CHALLENGES INTEREST YOU AND YOUR TEAMMATES?

WHY ARE PROBLEMS BEST SOLVED BY TEAMS? WHAT CAN HELP TEAMS MAKE SURE THAT EVERYONE CONTRIBUTES IDEAS AND EXPERTISE?

HOW DO STEAM TEAMS ENCOURAGE EXPLORATION AND CURIOSITY?



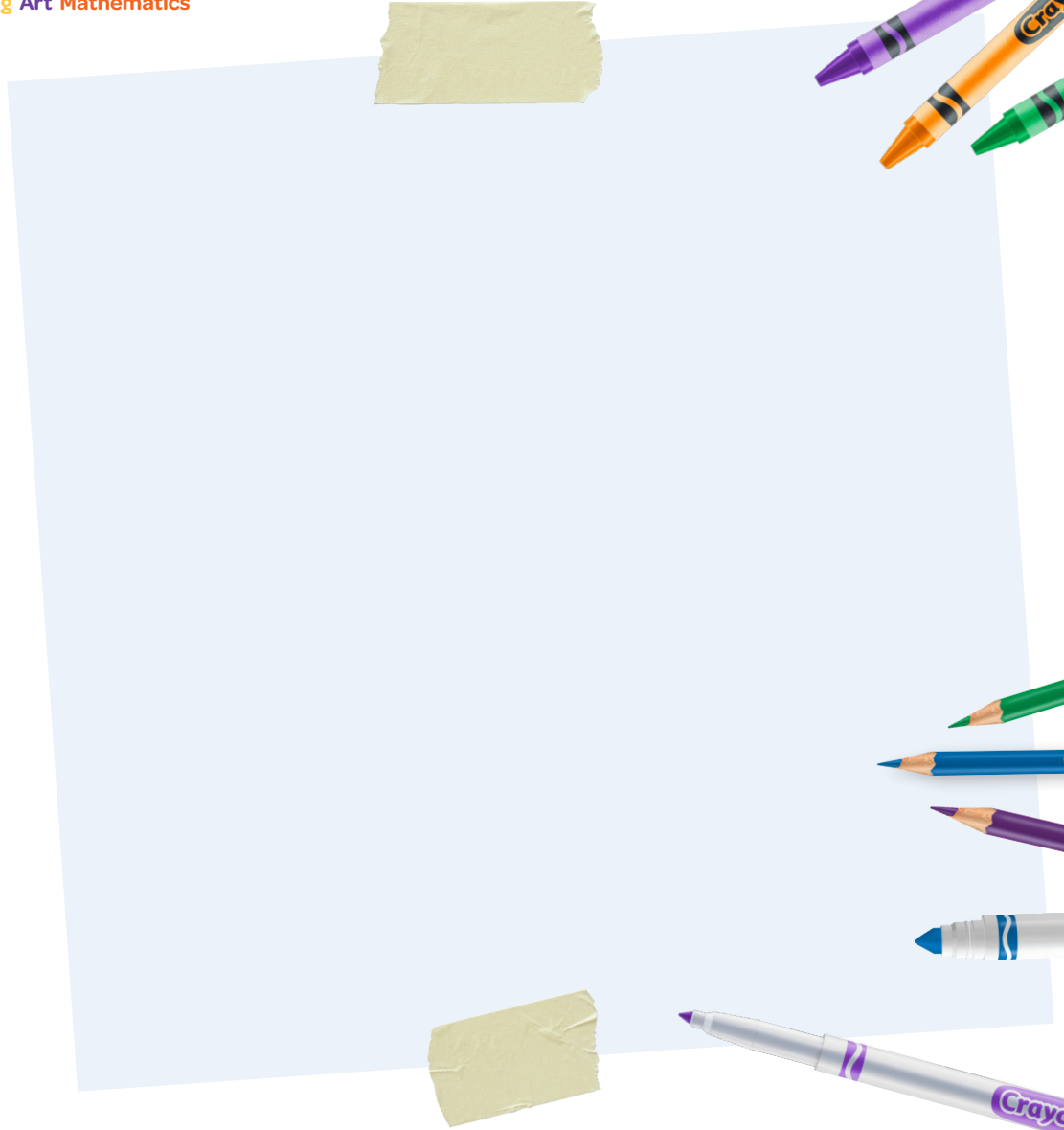
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CREATE art that shows a problem your team chose and ideas for how you could solve it or illustrate the steps in an experiment.



PRESENT your illustration to other groups. Invite questions about the problem, adaptation, or experiment you worked on. Ask others for suggestions or innovative ideas that could help improve the solution. Notice how everyone's creative ideas blend and grow when people work in STEAM teams!

