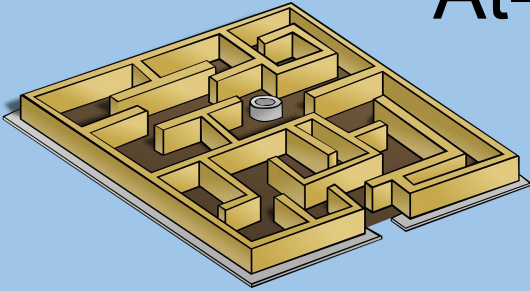


Quest Academy's At-Home STEM Challenge #1



Design and Build a Marble Maze!

Ask: How can I build a marble maze with materials I have at home?

Imagine: What materials might make a good marble maze? Walk around your house and find things that you might use (Legos, cereal boxes, straws, thick paper, popsicle sticks, tape, glue, etc.)

Plan: Draw your plan or describe it with words

Create and Improve: Build your marble maze and make improvements as needed

Reflect: Think about how your original design worked: did you need to make changes? Would different materials work better?

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Be Creative! If you don't have a marble, use a small bouncy ball. No materials to use to build a maze? Draw a maze on paper. The idea is to have fun and use your engineering skills!

Share: We would love to see your mazes! Have an adult take a picture of your project and email it to Miss Julie at jdraper@questac.org and it may end up on Quest's facebook page!

Questions? Contact Miss Julie (Mrs. Draper) at jdraper@questac.org

