

LESSON PLAN 14-in-1 Solar Robot

14-IN-1 SOLAR ROBOT



Discuss as a class: What are energy sources? *Ex:* gas, sun, wind, coal, oil, etc

PROCEDURE

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Have students work in pairs or groups to construct one of the robots listed in the instruction manual. This will familiarize students with how the gears and motors interact.

Students should take notes about their construction as they see fit.

After they successfully build a robot, students will build a robot that is not listed in the instructions.

During this process:

-Students take notes on things that work and don't work during the building process. -If skills and time allow, students can write instructions for other students to follow.

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FOLLOW UP

Was it more enjoyable to follow directions or create your own?
What strategies did you use while following written directions?
What task is your robot able to complete?
What didn't work well when you were inventing your own robot?
What worked well while you were inventing your own robot?
How did you and your partner work as a team? What were important characteristics?







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