

SOLAR



6 IN 1

ROBOT

NO. KJ8939

By making use of waste and old disks, bottles, and beverage cans, children may make six different model robots on their own, including Drummer Robot, CD Racer, Walking Robot, Bottle Yacht, Street Roller and Flying Bird. Each model is driven by a small-size solar panel.

FUN KIT!
MECHANICS
NEW Technology
PRODUCTS!



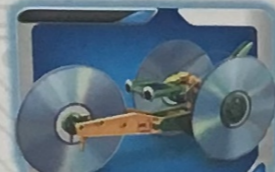
Drummer Robot



Street Roller



Flying Bird



◀ Walking Robot

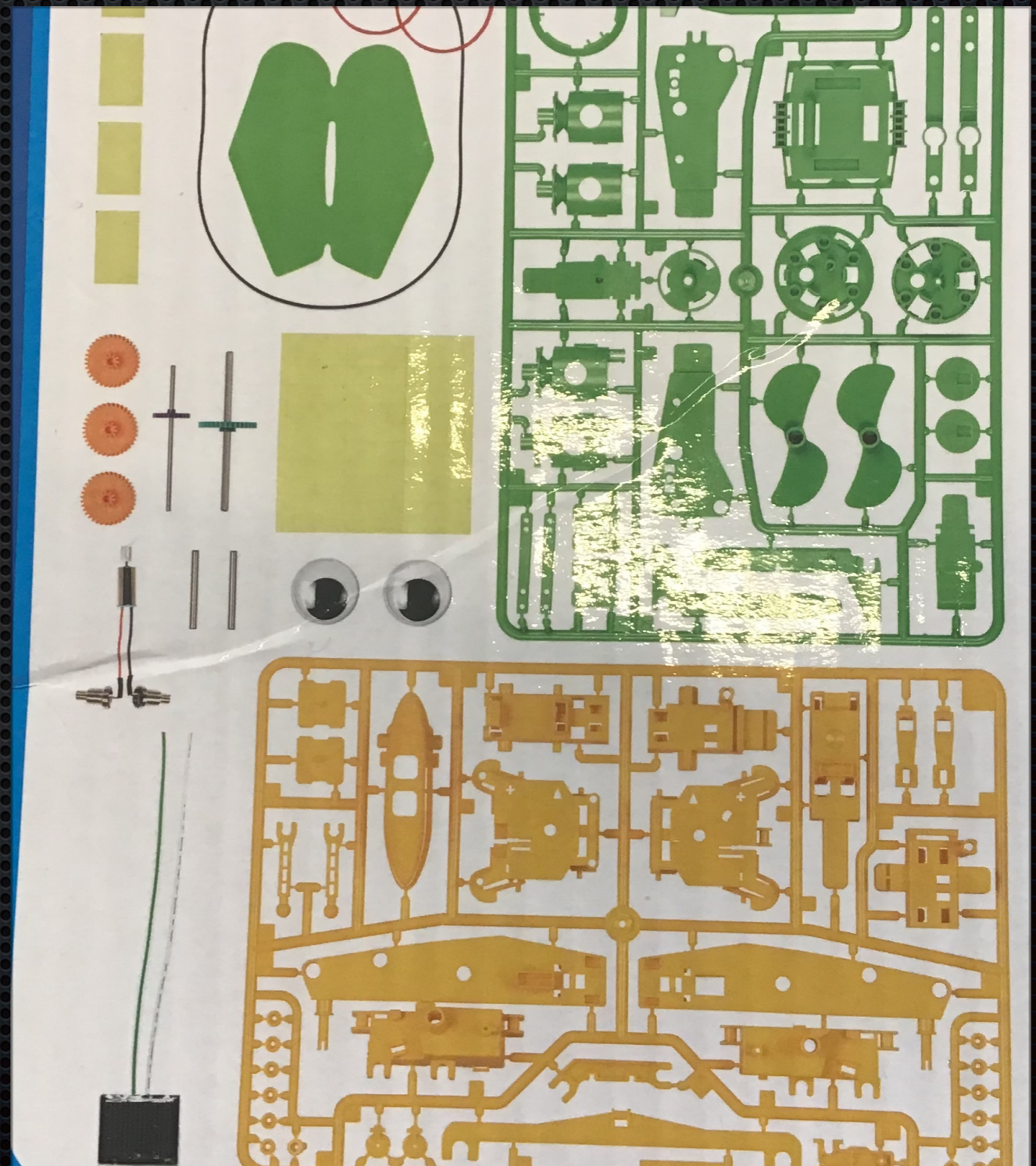
8+

Solar Robot - CD Racer

By Shannon, Dlyla

Materials and Equipment

3 CD's
Solar Panel
Wires
Gears
Mechanical Parts
Adhesive Tape
Motor
Shafts
Sponge
Instructions
Sticky Eyes



A Little bit About It...

- We have been doing this project for Inquiry, and have been making solar robots in groups. Our group had chosen to do the CD Racer. We started this about two weeks ago and finished it last week. We had made them by using Solar Robot Kits.



Problems

- We had many problems along the way. Such as not understanding some of the instructions, and didn't know what pieces it said to use, since some of them looked similar. Another problem was, it didn't move because there was no sun. One of the biggest problem was, it got crashed and into pieces.

Solution

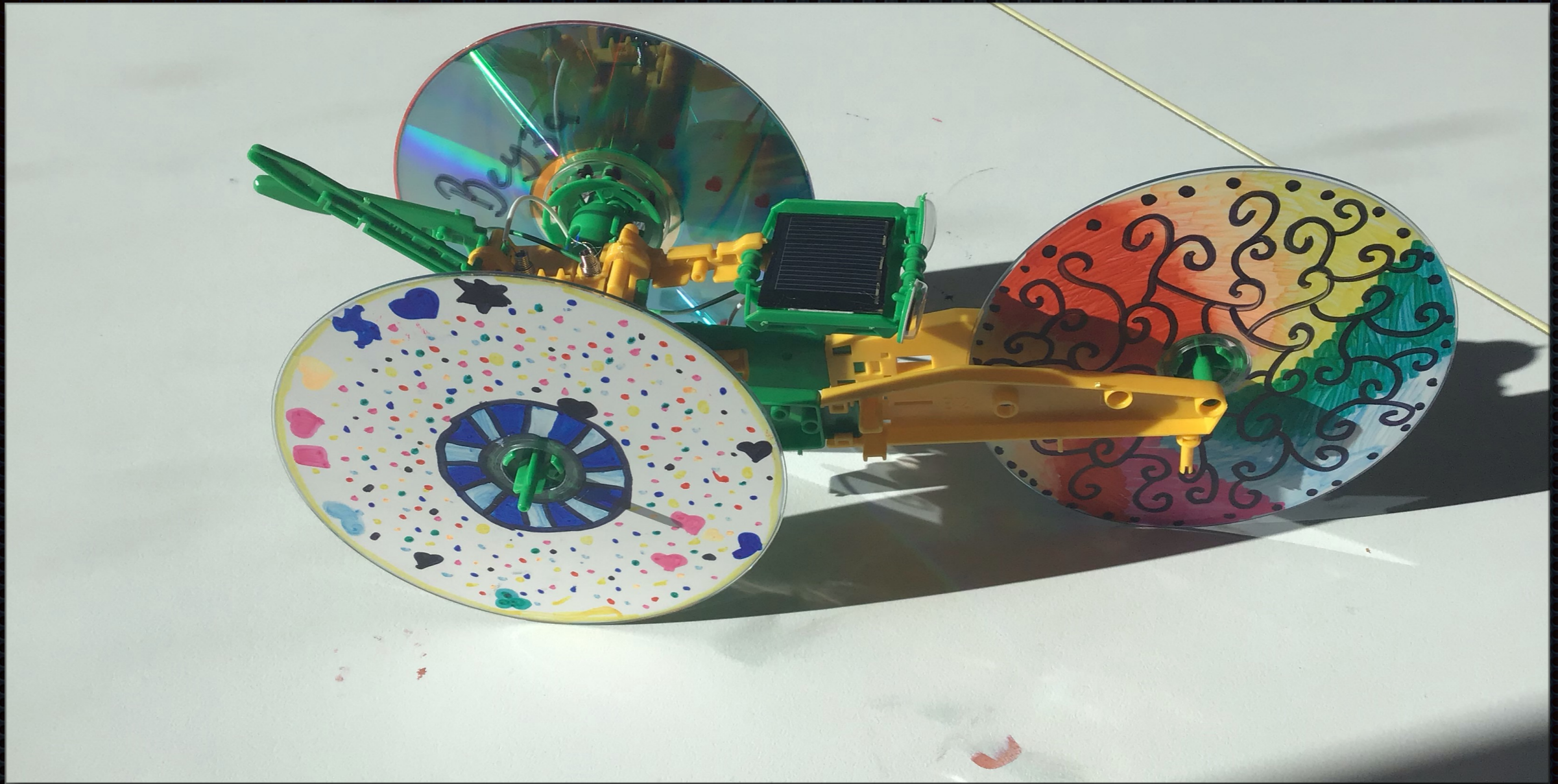
- To solve some of our problems, we had Aaron to help us, and fix our CD Racer and our engine. He also helped us get through some of the instructions that we didn't understand. In the end, the sun came out but, our CD Racer was crushed already into pieces.

Method

- There were lots of instructions we had to follow, to complete the CD Racer.
- Firstly, we were making the engine, for it to work and to place it in the robot that we were going to build.
- While, some of us was making the engine, some were attaching the CD's to the plastic parts. We has to do that before we had to move on to the part of the instructions.
- We had to ensemble the wires and the mini solar panel to the CD Racer. After that we had to do some finishing touches and we were done!

What We Could've Done Better

- We could've worked together as a team a bit more, but we worked as a team at the end, but we could improve. We also need to work on understanding the instruction more, so wouldn't had to ask for help from the teacher. Overall, we think we did pretty great on our CD Racer.



Our's got smashed, so this is someone else's and it actually works in the sun!

Thank you

