

About

Challenge cards develop a students critical thinking and problem solving abilities. This builds the basic skills that are required for Science Engineering and Design.

How to Play

- Print out the cards.
- Cut along the dotted lines.
- Fold the cards in half.
- Glue, tape or laminate the cards for durability.

The activity is structured into small tasks much the way video games challenge kids.

Once they complete a level they raise their hand and the teacher checks their circuit. If they have solved the objective the teacher gives them the next level card. If they haven't they need to try again. Each kid gets to work at their own pace.

Note there is no "correct" circuits...only correct solutions to the problems. And make sure they struggle...don't make it too easy for them by telling them what to do. We tell computers and robots what to do, we need to teach our children how to learn.







