



Global Problem Solvers: The Series – Season 2, The Storm

Episode 2.4 – The Technology Teaching Companion

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Episode Summary

The Global Problem Solvers have developed a possible solution and considered some potential challenges. In this episode, they build a prototype, or first model, of their emergency classroom kit. Along the way, they encounter more obstacles that could limit the kit's usefulness. They succeed in overcoming a couple of these obstacles by reaching out to a family contact and adapting the solar technology to cloud cover in Tampa. But these experiences show the Global Problem Solvers that there is another problem they need to solve: how to turn this one-of-a-kind prototype into a product they can scale.

Worksheet

1. The most effective Global Problem Solvers realize that even though technology may solve an important social problem, technology can also create new problems.

Let's take another look at the inventions from the previous worksheet. Can you think of any new problems they have created and how these inventions could be made better?

Lightbulb:

Flush toilet:

Beverage cans and bottles:

Car:

Smartphone:

2. What technology do you wish existed that has not been invented yet? What new problems might this new technology create? How might putting this new technology into practice show how it might be improved?