

Analysis worksheet

TAKE A COPY OF THIS WORKSHEET OR USE IT AS INSPIRATION FOR YOUR OWN VERSION.

You have been investigating magnets and how they can be used to power motors, both big and small. You were then asked to investigate the UN Social Development Goals. There are lots of problems facing the world, too many to list. Let's try and pick one, and see how a motor could help.

<<< Delete whatever is in here >>>

The problem, as you see it...

<<<For example, Rural communities need to drill fresh wells>>>

This links to the Social Development Goal of

<<< For example, SDG 6, Clean water and Good Sanitation>>>

My Success criteria would be

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- The drill would work well in the environment it was designed for
- The drill would be solar powered to make the best use of the sun
- The drill would be easy to take apart and fix, and simple in construction allowing for people to fix in the village

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