



WINDMILL SCORING

Engineering, Science and Art Activity!

What you'll need:

- Staedtler wax crayons
- Staedtler scissors
- Staedtler glue stick
- Paper cups
- Paper fasteners
- A printout of the supplied worksheet

Method:

1. Print out the supplied worksheet single sided.
2. Instruct students to cut-out and colour the windmill propeller and windmill features, in a bright and colourful way.
3. Guide your students, using the windmill propeller template, to cut along the dotted line, making sure they stop where the dotted lines stop. Their propellers should make up 4 triangles.
4. Your students will then need to take each corner (where marked) and fold to the dot in the centre. Guide your students to use their **Staedtler glue stick** to glue the folded corners in the centre.
5. Prepare paper cups for your students. Place a hole in the cup 2cm from the top. Once completed on each cup, ask students to collect one cup each.
6. Once each student has a cup, instruct the class to glue the windmill features (bricks, door etc.) onto their cup. *Note: if the cups are small, ask the class to trim their features to fit.*
7. Students will need to place the centre of their windmill propeller in front of the hole and place a paper fastener through and spread the fastener so everything is tightly together.
8. Using the score card, ask your students to test and score their windmill based on the movement of the propellers. Start a class room discussion about where each windmill performed the best.



Score Card

On a scale of 1 to 5, 1 being not good and 5 being very good, rate how your windmill performed when you:

Blew the propeller

1	2	3	4	5
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Flicked the propeller

1	2	3	4	5
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Placed the windmill in a windy location

1	2	3	4	5
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Activity Worksheet

