ENG-A1202 - ARTS-ENG Project

SunShade

Group 21
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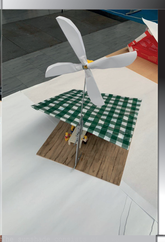
The aim of the project was to create a variation from the Stuart A Gough-Stewart platform. We had a couple of different ideas, but decided to make a sunshade. It has a roof, which can be adjusted to the angle from which the sun is shining. On top of the lifting mechanism, we have built a wind turbine to collect green energy. Our model can power itself and has energy to sustain its own lifting mechanism. All materials can be recycled.

ARTS-
ENG
ZERO
GRAVITY



[illegible]
Miikka with wings [illegible]
[illegible] Joonas [illegible]
[illegible] stand, a wind turbine [illegible]
and has on top a wind [illegible]
[illegible] variant.
There is a wind turbine made [illegible]
[illegible] and paper cones. As a result, [illegible]
[illegible] stable structure which can be [illegible]
[illegible] up and down.

The final result is an ecological [illegible]
[illegible] shade, in which the Gough-Stewart [illegible]
[illegible] platform is used to rise and lower [illegible]
[illegible] shade to react to the position of the [illegible]
[illegible] sun. The structure is meant to be made [illegible]
[illegible] from only reusable and sustainable [illegible]
[illegible] materials.

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