



SUSTAINABLE DEVELOPMENT GOALS IN EDUCATION

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Rubber band powered helicopter

The rubber band powered helicopter is a very useful **school project** suitable for a **wide age range**.

The design brings out **many intersections between technology and physics**. The aim is to show pupils that it is necessary to have a science background to make a rigid lightweight structure that can fly easily and is stable and powerful. It is surprising to a large number of children how easy it is to build a **propeller from a cotton bud, a PET bottle** and a piece of wire. The finished helicopter is a useful tool for the physics classroom, showing the **transformations of mechanical energy**.

