Introduction to Morphun Gearphun

This set of Work Cards has been designed with the cooperation of Educational sources in the UK and Europe, including 'Fundamentally Children' and also reflects our detailed review of other materials in the market. This ensures that these are the market leading teacher resource for STEM based Gears Work Cards.

The cards and related materials are designed to complement the Morphun Junior Gearphun range for ages 5-9 and demonstrate the application of the STEM principals set out in the introductory pages. These cards are a widely based introduction to the principles of gears and mechanics and are intended to empower the teachers, who will then be able to develop more activities that meet both their local curriculum and school objectives.

There is a complete introduction for teachers on page 2 of the Teacher Work Cards.

Gears Activities – Teacher Work Cards, introducing STEM

A detailed introduction to Gearphun Junior, to explain to teachers the principals and Educational aspects of STEM based activities possible with their sets. We will allow our customers to translate these into local languages using our graphics and (subject to minimum volumes) we will then print and pack these in the sets.

Student Work Cards & Activity Board Construction sheets

Language free Work Cards for teachers to hand out with 14 graded introductory activities that are outlined in the Gears Activities sheets above.

Followed by 2 pages detailing how to assemble the boards of honeycomb bricks on legs, that form the basis of many of the activities outlined in the Work Cards.

Flip cards & Spinners

8 flip cards that can be 'popped out' of their background card and mounted on a Gearphun turntable, to create a 'Trompe Oeil' effect.

Followed by 10 colourful adhesive spinning discs. These are re-usable and can be stored back on their backing sheet. They have been designed to demonstrate the effects of rotation at different speeds, on the colours of each disc.

There are 2 blank discs for students to colour in.