



Magic magnets - EY Challenge Sheet

Magnets are great fun! They seem to have magical powers - but do they? Let's look at interesting things you can do with magnets.

Educational objective

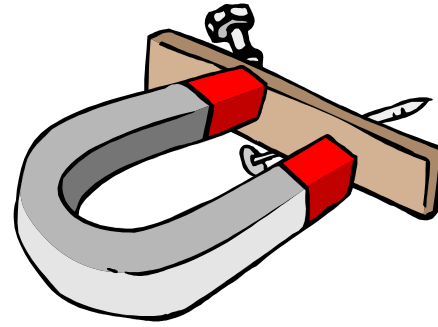
To provide an opportunity for problem solving, decision making and cooperative learning.

Approach

Whole class introduction to magnets. Group activities with the children working in pairs to investigate magnets. Then, use K'NEX and magnets to make a working model. The children will have time to investigate the equipment before starting the challenge.

Specific skills to be developed

Manipulative, designing and making skills, social and problem solving skills.



Cross-curricular links

See desirable outcomes.

Ideas for extension activities

Equipment we will provide:

pots of collected materials

magnets

boxes of K'NEX

K'NEX wheels

figures

Subject skills / Desirable outcomes

Knowledge & understanding of the world

Language, literacy, communication skills

Mathematical development

Physical development

Personal & social development

Life skills

Innovation skills

Problem-solving skills

Team working skills

Communication skills

A 'can-do' approach