

Magnetic Fun *(Over 2's)*

Magnetic Find!



You will need:

- Magnet, Magnetic objects such as paper clips, keys, metal lids, coins, pipe cleaners, bolts (make sure all items are big enough not to swallow for younger children, older children supervised at all times!)

Intent: To make predictions about science and experiment to find out if their predictions were right.

Implementation: Exploring the magnetic pull, can they make something magnetic move without touching it?

How to make:

Using bottles fill with different materials with hidden metallic objects and watch the children have so much fun exploring what it made with metal and what is not.

Extend: to explore this is to hide metal and non-metal objects into a tray covered with rice or cereal, using a magnetic the children have to find, and sort out which object are metal, and which are not.

Links to the EYFS:

Communication and language:

Questions why things happen and gives explanations. Asks e.g. *who, what, when, how.* (30-50 months)

Understanding of the World:

Talks about why things happen and how things work. (30-50 months)

Looks closely at similarities, differences, patterns and change (40-60 months)

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Characteristics of Effective Learning

Maintaining focus on their activity for a period of time, showing high levels of energy, fascination, showing satisfaction in meeting their own goals, persisting with activity when challenges occur, Seeking challenge, Showing a 'can do' attitude, Planning, making decisions about how to approach a task, solve a problem and reach a goal, checking how well their activities are going, changing strategy as needed, reviewing how well the approach works.