

Maths

20.01.2021



Overview

Children explore this week an aspect of measures. We will explore the language used when discussing and comparing how heavy or light something is.

I can use words such as 'heavy' and 'light'.

- Can you use these words correctly when handling and lifting everyday objects? For example, "This brick is heavy."
- Can you make direct comparisons when handling two objects and say which one is 'heavy' and which one is 'light'?
- Can you order two objects by weight?



We are learning about **weight**.

We are learning about how **light** or **heavy** things are.

We will use the words **heavier** and **lighter** to compare the **weight** of two items.



Today lets investigate 'Heavy' and 'Light' objects.

Title: Weight Treasure Basket Sorting

Resources:

- Light and Heavy Treasure Basket (Select items that are appropriate for your setting)
- Large basket to hold the items
- Heavy and Light Mats (Laminated if you wish)

The Activity:

- Arrange the items in the basket for the child to find and explore.
- Lay the mats out by the basket.
- As the child to come to the basket, allow them time to explore the basket contents and talk about what they find. Ensure close adult supervision here as the items are everyday items not necessarily safe for children to handle unsupervised.
- Play together for some time, talking and exploring.
- Make lots of comments about how each item feels, and how easy it is to hold. Use lots of weight-related language as you chat with your child. Make comparisons about the items that you hold. For example, 'Wow, this feather is so light. I can easily lift it with my little finger. This brick is much heavier! It is hard to lift, I need to use 2 hands to lift it up!'
- Show the child how you can sort the items between the two mats. Some of the items may be tricky to decide, use this as an opportunity to make comparisons and share ideas.
- Encourage the child to sort out all the items in the basket onto either the light or heavy mat.
- Observe the child's ability to engage with the activity, their understanding of the mathematical vocabulary and their ability to sort into two categories.

Light

Heavy

Busy Bag

Weight Treasure Basket Sorting

What can you find in the basket?

Which things are heavy?

Which things are light?

Can you sort them into two piles?

Are the heavy things easy to lift?

Which is the heaviest thing in the basket?

Which is the lightest?

