Reception numeracy – lesson 33

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## Video transcript

Welcome Reception learners my name's Olivia, this is lesson 33. Thanks for joining us today, if you've joined in on other lessons you might remember that we were learning about estimation, and we were trying to guess how many blocks were in the jar? Did you have a go at home? Did you guess maybe how many pegs were on your clothesline, or how many pieces of pasta would fit in a cup?

Our learning intention for today is, to be able to compare the mass of two objects. Today we're going to do some more measuring, I've brought a friend Steggy to help us. What kinds of things do you think we could measure about Steggy? Maybe we could measure how tall he is, or maybe how long he is, this is a very long tail, maybe we could even measure how heavy he is?

The different things that we're measuring are called attributes, I've bought some tools today, to help us measure different attributes. You might have seen these in other lessons? I've bought a ruler, a measuring jug, and some scales. The attribute that we're going to be measuring today is called mass. Have you heard of the word mass before? You might have heard it called, weight we're going to measure how heavy Steggy is?

I've bought in my magic bag, lots of different objects, we're going to see which is heavier Steggy, or the mystery object? Should we get started? I'm feeling in the bag, I can feel something round and rough, it's an orange, which do you think will be heavier? The orange or Steggy. Let's compare, I think the orange is heavier this time, did you guess the orange?

Let's have another try, feeling in the bag, I can feel something. It feels plasticky and medium size, some sunglasses. Which do you think will be heavier, the sunglasses or Steggy? Let's find out, which one do you think? This time Steggie's heavier, did you get Steggy?

Let's do another one, oh, I can feel something round like a cylinder shape, a tin of tomatoes, do you know how heavy a tin of tomato feels? You might find some in your cupboard, which one do you think will be heavier the tomatoes or Steggy? Have a think which one do you think?

It's the tomatoes, this time let's do one more, feeling in the magic bag, feeling around, I can feel something soft and feathery. Can you guess what it might be? It's a feather, what do you know about feathers? Do they feel heavy or light? You know what to do, have a guess, which one do you think will be heavier this time, the feather or Steggy, what do you think?

You guessed it, Steggy is heavier again, did you notice that I was using my hands as scales to feel which one was heavier in my magic bag? Do you know what this is called? This is called hefting, while we were hefting, we discovered that the sunglasses and the feather were light, and the orange and the tomatoes were heavier. I wonder which one was heaviest. Would you like to have a go? Which do you think would be heavier, the orange or the tomatoes?

Let's have a go, oh, they both feel quite heavy, but the tomatoes are heaviest. Did you guess the tomatoes? I wonder which one is lighter the feather or the sunglasses? Let's compare, the feather is very light, the feather is the lightest, did you guess the feather?

Now that you know what hefting is, you might like to have a go at home. What are some things around your home that you could practice with? Maybe there are some things in your kitchen, I'm wondering what might be heavier, an apple or a potato? Now you know about hefting, you could have a try at home. You might like to write down your thinking on a piece of paper. Today, we have learnt that we could measure many different things, and that these are called attributes. The attribute that we were measuring today is called mass. Thanks for joining us, bye.

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