

# Have you got your Maths Eyes?

C4. Explore, Express and Identify place value in decimal numbers to two places.



A decimal point is used to separate the whole number part from the fraction part or decimal part of that number. Sometimes things just don't make sense if there are no decimal points.

**'John was 16 metres tall'**

Is this a reasonable height for John? What is missing?

## Activity:

1. Read the story "Peggy Goes Shopping" (this story is provided as an example). Teachers should adapt/write a 'story' to suit their learners.
2. In the classroom, pupils work in groups two or three and read the story again putting in the decimal point where they think it is needed to make the story make sense.
3. Pupils write another paragraph to the story about what Peggy did for the rest of the day and try to include some numbers with decimal points.
4. **Extension:** Pupils write three sentences based on their own life which need the reader to put a decimal point in the right place. Younger learners could be asked to remove a digit to make a story make sense.
5. **Interactive:** [http://www.haveyougotmathseyes.com/wp-content/uploads/resources/mathseyes\\_resource\\_pack.pdf](http://www.haveyougotmathseyes.com/wp-content/uploads/resources/mathseyes_resource_pack.pdf)

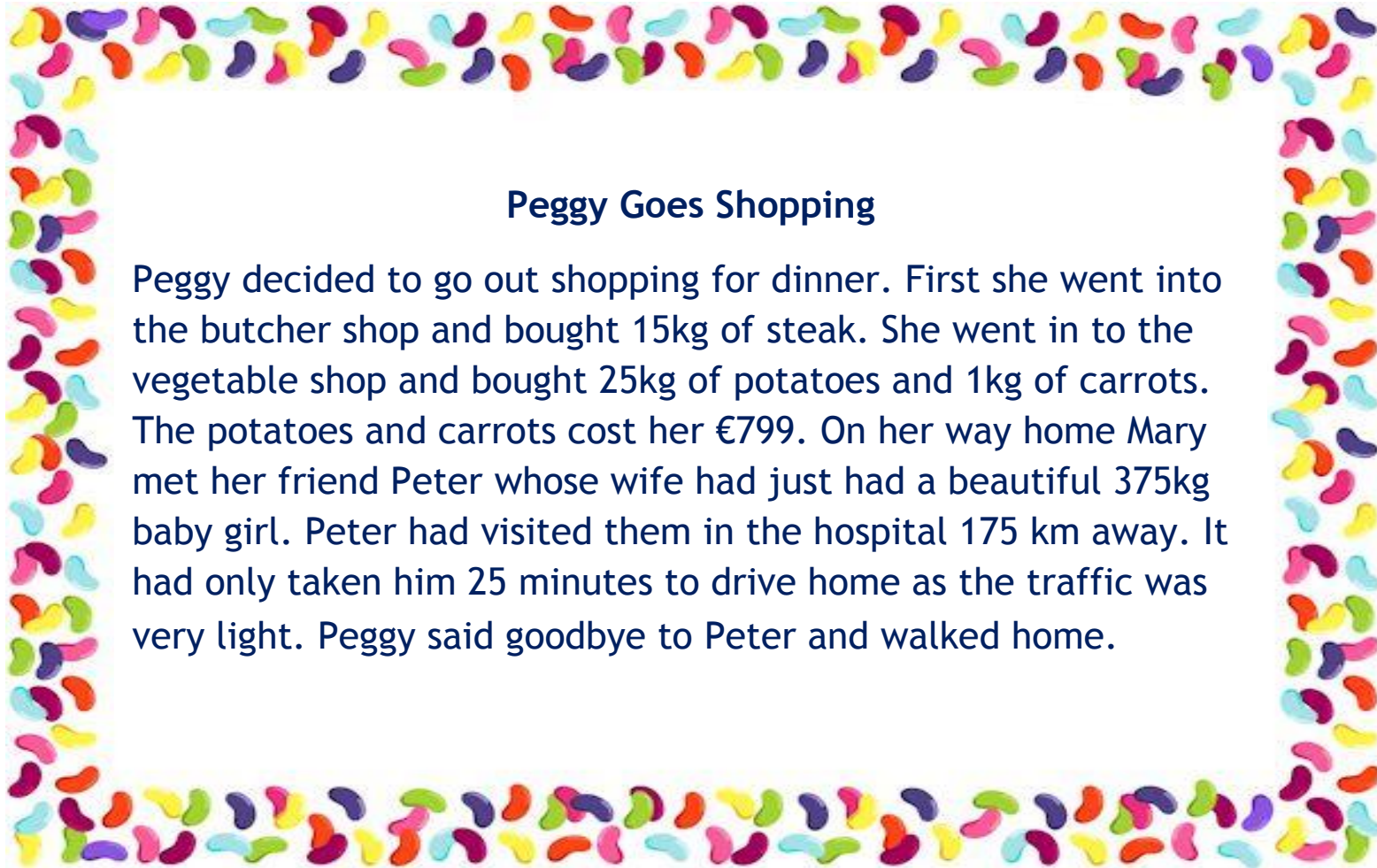
**Strand:** Number

**Strand unit:** Place Value

**Assessment:** Teacher Observation, Pupil Learning Log, Pupil Portfolio, Teacher Questioning, KWL Chart

**Skill:** Applying and Problem Solving, Communicating and Expressing, Integrating and Connecting, Reasoning, Implementing





### Peggy Goes Shopping

Peggy decided to go out shopping for dinner. First she went into the butcher shop and bought 15kg of steak. She went in to the vegetable shop and bought 25kg of potatoes and 1kg of carrots. The potatoes and carrots cost her €799. On her way home Mary met her friend Peter whose wife had just had a beautiful 375kg baby girl. Peter had visited them in the hospital 175 km away. It had only taken him 25 minutes to drive home as the traffic was very light. Peggy said goodbye to Peter and walked home.