Activity 1

1. Collect five different natural items from outside. Alternatively you can just pick 5 items of varying length from inside your home.
2. Order them in length from the longest to the shortest.
3. Estimate how long you think each item is in cm and note you answer down neatly.
4. Then carefully measure the natural items and record them neatly in your book.
5. Work out the difference between your estimation and the actual measurement. 8cm – 6cm = 2cm

Activity 2

1. Place a hoop or similar object on the grass.
2. Estimate how many flowers are inside the hoop and record this neatly.
3. After that count how many flowers there actually are record your answer carefully. (Remember to count in multiples as it's quicker and easier!)
4. Discuss how close your estimate was. What would change next time?

Activity 3

1. Look at a large item in your house or in your garden (kitchen table, fence, bed, goal)
2. Estimate the length of the item and record neatly. (cm or m?)
3. Measure the item with an adult using a measuring tape.
4. Record the actual length. Can you work out the difference between your estimation and the actual length?

Activity 4

1. Gather 5 sticks from outside of varying length.
2. Estimate how long you think each stick is in cm and record this neatly.
3. Then use a ruler to measure the sticks and record this. (Remember to include the correct unit of measurement).

Activity 5

1. Gather a variety of different bottles and cups. Look at them carefully.
2. Estimate how many ml it would take to fill these up and record neatly.
3. Next use a measuring jug to fill your chosen bottle/cup counting how many ml it takes to fill.
4. Note down the answer in your book.
5. Do any of the answers surprise you? If so why are you surprised?

Activity 6

1. Gather some sticks of varying length. Estimate a meter by placing them end to end (you might not need all the sticks).
2. Then carefully measure the total length of your sticks and record.
3. How close was your estimation? Discuss with an adult. Was the guess too long or too short?

Activity 7

(Object ideas: Teddy, ball, banana, tin of beans etc)

1. Collect some stones of a similar size. How many stones would be needed to balance an object. Record the estimate neatly.
2. Then use scales to find out how many stones are actually needed to balance the objects.
3. Note down the actual amount of stones for each object.