Using your knowledge of area and perimeter I want you to create a plan for your own theme park!

Make sure you have space for all the attractions you want to include.

Make sure you leave space for people to be able to walk through!

**Step 1:** You must have an entrance with a perimeter of 10cm, and a car park with a perimeter of 21 cm. Add these to your squared paper first.

**Step 2:** Choose which of the following you would like in your theme park and keep tally marks of how many you want to include. The area required for each is in brackets.

Carousel (15cm) Pirate ship (11 cm)

Water slide (12 cm) Bumper cars ( 18 cm)

Bouncy castle (6 cm) Roller coaster ( 28 cm)

Ferris wheel ( 4 cm) Swing spinner (10 cm)

**You might want to include:**

Food (6cm) First aid station (4cm)

Games ( 5cm) Lost and found ( 4 cm)

Toilets (6 cm)

**Step 3:** Start your rough draft on squared paper. Adjust your list of attractions, if necessary.

**Step 4:** Outline and colour in your spaces on your final map, then glue on each icon onto your final piece of paper. Don’t forget to complete a map key.

**Step 5:** Complete the area and perimeter chart by writing the areas and then calculating the perimeters for each space.

**Step 6:** Name your theme park! You can draw some trees, bushes, people etc if you would like.

**Step 7:** Send in to me!