On-site Maths Activity

Area and perimeter

Take a look at the Stirchley Baths Venue Floor plan below
Stirchley Baths need to update their room hire charges. To do this we need an accurate measurement of the area and perimeter of the rooms to work out an accurate fee to charge.

1. Using a tape measure or trundle wheel, can you measure the length and width of the Main Hall and mark your measurements on the plan in metres and centimetres.

2. What is the total perimeter of the room you have measured?
   A. ________________________________

3. What is the area of the room you have measured?
   A. ________________________________

4. Can you think of another unit of measurement other than metres to measure the room? What unit did you choose and what was the length and width of the room in this new unit?
   A. The unit I chose was ________________________________ and the room was:
   ________________________________ long and ________________________________ wide.