Classroom Lego Model:

Brief:
School planners and architects need to create models of rooms so that they can design spaces that work well. Your job is to use lego or other blocks to create a model of your classroom, including where the furniture is and where the door is. If you use lego, try to use 4 lego dots for each metre in length, but don’t worry if it is a bit over or a bit under.

Key questions to think about:
1. How long and how wide is our classroom?
2. If we use four dots for each metre, how many dots do we need for the length and the width of our class?
3. How big is each piece of furniture in our class? How many lego dots do we need for the length and how many for the width? How high are they?
4. Where in our classroom is the door? Where does the furniture go?

What you need to hand in:
1. Your measurements of the lengths and widths for the room, door and furniture.
2. Describe how you measured the lengths.
3. Any calculations that you did to work out how many lego dots you needed for the lengths and widths (this can be a bit messy, but should show what you were thinking).
4. Your model.