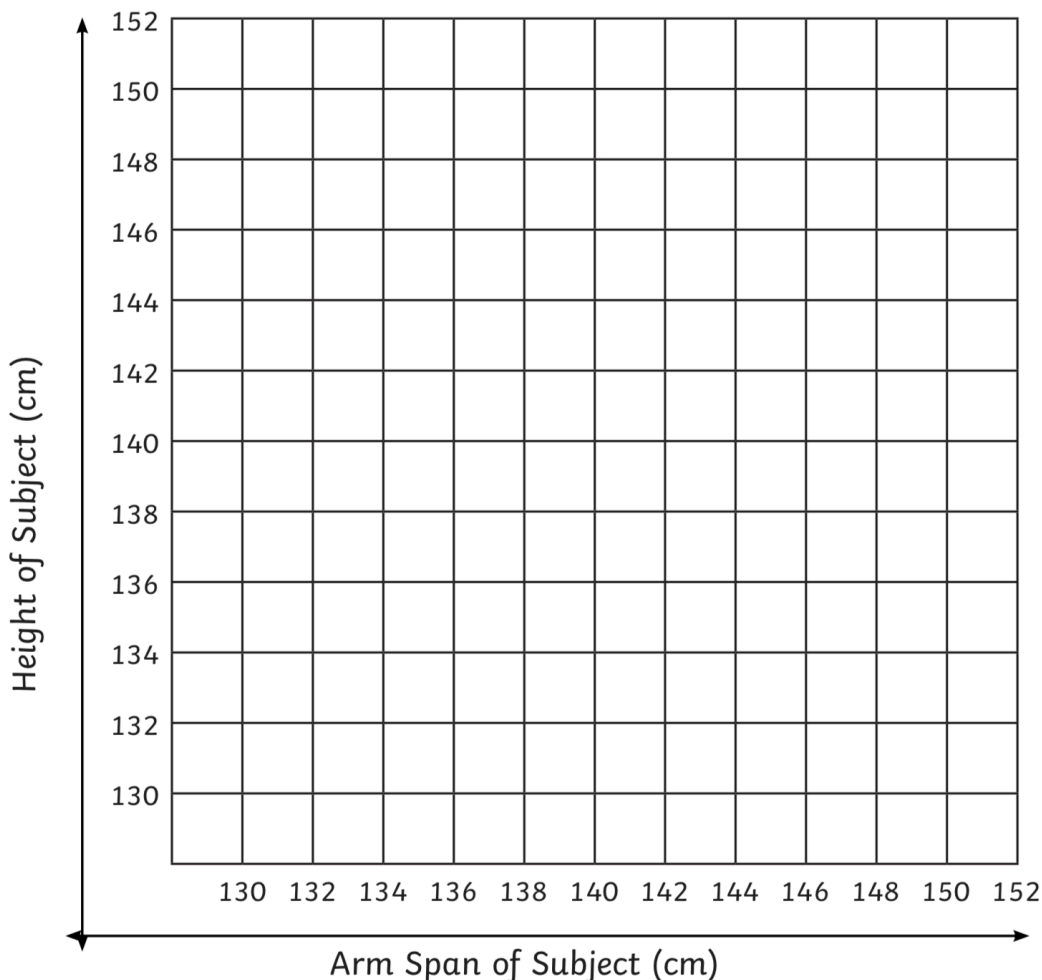Activity 2 – Plotting a Scatter Graph.

Scatter diagrams are used to represent and compare two sets of data. By looking at a scatter diagram, we can see whether there is any connection (correlation) between the two sets of data.

Plot each subject's data onto the graph below to create a scatter diagram. Use an x to mark the position of each subject.

Subject	Height	Arm Span
1	142cm	136cm
2	148cm	146cm
3	152cm	143cm
4	150cm	145cm
5	141cm	136cm
6	142cm	139cm
7	149cm	144cm
8	151cm	148cm
9	147cm	147cm
10	151cm	141cm

Subject	Height	Arm Span
11	150cm	144cm
12	152cm	141cm
13	148cm	144cm
14	152cm	148cm
15	144cm	140cm
16	148cm	143cm
17	150cm	146cm
18	138cm	134cm
19	145cm	142cm
20	142cm	138cm

Look carefully at the position of the subjects. Can you see any correlation/pattern within the data? What does this pattern tell us?

Height of Subject (cm)

152 150 148 146 144 142 140 138 136 134 132 130

130 132 134 136 138 140 142 144 146 148 150 152

Arm Span of Subject (cm)