

Check the standards chart in the room on the wall. What does it say you need to know about the levers found in the human body? _____

1. What is a force? _____
2. What is "work"? _____
3. What is a lever? _____

4. What is a fulcrum? _____
5. Levers give the body a mechanical advantage. What is mechanical advantage?

6. In the spaces below, diagram a first, second and third class lever (just like you see on page 533) and in the space next to the diagrams draw a lever of that type that you would find in your body (like page 549). Better to not copy the ones you see on Page 539! See if you can come up with your own ideas.

Type of lever	Diagram of the Lever	Sketch of this type of lever in the human body and label all of the parts of the body
1 st Class Lever		
2 nd Class Lever		
3 rd Class Lever		

7 On the table are several types of tools that help us do work. Write the name of three of the tools, sketch them and label the input force, output force and the fulcrum on each tool.

(Do on the back)