

Chapter 3- Creating and Editing Objects

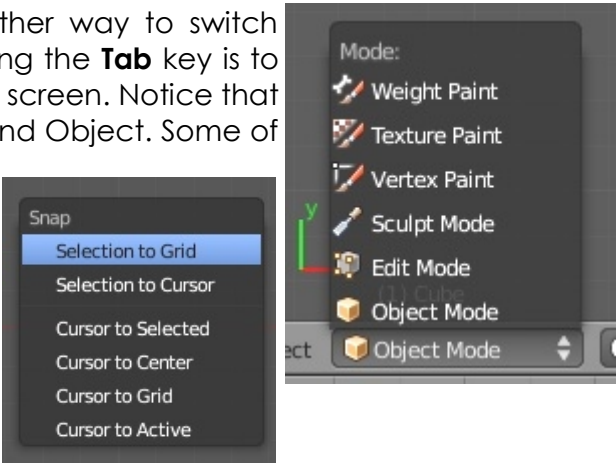
As mentioned on the previous page, another way to switch between **Edit** and **Object** mode besides using the **Tab** key is to use the **Mode menu** at the bottom of the 3D screen. Notice that there are a few more modes than just Edit and Object. Some of these will be discussed in later chapters.












Precise 3D Cursor Placement:

To precisely place the 3D cursor, use the “**Shift-S**” keys for options to move the cursor to objects, grid, and vice-versa.

Mesh Types

When pressing the space bar and choosing to add a mesh, you will notice several mesh types (often called primitives) available. More can be added through Add-Ons in the User Preferences menu. They are:



	Plane-	A simple two-dimensional shape. Can be sub divided and used with proportional vertex editing to make nice hilly terrain or shaped.
	Cube-	Basic 3D shape. Nice object to start with to shape into rectangles and other shapes.
	Circle-	Won't display as a 3D object unless filled, but can be extruded and shaped.
	UV Sphere-	A sphere generated with rings and segments, like the latitude and longitude of the earth.
	Icosphere-	A sphere generated with triangular shapes. Like Epcot Center.
	Cylinder-	Like a can, with ends closed, but if you leave the ends off, it is a tube.
	Cone-	Basic closed cone shape.
	Grid-	Can be used and extruded like the plane.
	Monkey-	A fun shape that someone decided to include in the mesh list.
	Empty Mesh-	A mesh without any visible verticies, edges or faces.
	Torus-	A donut shape.



RoboDude Asks:

How do I set the quality of a mesh?

Remember that after selecting a mesh type, you will see the setting for that mesh at the bottom of the Tool Shelf. Also, don't forget to be in **Object Mode** when making a new mesh- otherwise, your new mesh will be joined to another mesh.