SOOM LIQS

Whereas *Object Mode* restricted us to transforming complete objects, in *Edit Mode* we can manipulate the vertices, edges and faces that make up an object.

We can move, scale, and rotate the selected elements of an object as appropriate to gain much greater control over reshaping than could be achieved when working in object mode.

In addition, we can delete existing elements from an object as well as add new ones.

The biggest change to the *3D Viewport* when we move to *Edit Mode* is the contents of the *Toolbar* which contains a new and expanded set of options (as shown here on the left).

To enter *Edit Mode*, first select the object whose elements are to be adjusted and then either press the **Tab** key or select *Edit Mode* from the dropdown list in the top-left of the *3D Viewport*.





Blender Basics: Edit Mode

We can select every element in the currently selected mesh by If we hold down **Shift** and click on an already selected element, it pressing A and deselect everything by pressing Alt+A. An will be deselected. alternative way to deselect everything is to click in any empty space in the scene. Before After A Select all Alt Α Select none Vertex deselected Shift The first entry in the *Toolbar* is the same as it was in *Object mode*, Tweak combines selection and move operations. Click on an giving us other ways of selecting the elements of the object element to select it and keep holding down the left mouse being edited. button and dragging to move the selected element. Before After Tweak Select Box Select Circle Select Lasso

The other three selection methods, *Box*, *Circle* and *Lasso* work exactly as described earlier when using *Object mode*. When using **Circle Select**, the circle radius can be adjusted in **Radius field** the top-left of the 3D Viewport. However, when using the shortcut, **C**, the radius is adjusted using the mouse wheel.



Blender Basics: Edit Mode



Blender Basics: Edit Mode

Although, with one vertex selected, we cannot choose **Edges** or **Faces** from the popup Delete menu, once we select two adjacent vertices, we then have the option to delete either vertices or edges. Notice that each option gives quite different results.



And if we select all the vertices of a face, then we can delete Vertices, Edges or Faces, with each giving different results.



One last characteristic of Edit Mode that we should always be aware of is that the origin of a mesh never moves unless we specifically use a Move Origin command.



Blender Basics: Edit Mode