



*ask amber's*

# Blender Hotkeys

50+ helpful shortcut hotkeys to use in Blender

Easy for beginners



# navigation

## Basic Navigation:

shift + middle mouse: pan

scroll wheel OR ctrl + middle mouse press: zoom

middle mouse press: rotate

alt middle mouse: snap to x/y/z

Shift C: recenter navigaton

## Numpad Navigation:

1-3-7 = y-x-z

2,4,6,8 = orbit & 9 = orbit opposite

5 = perspective/orthographic view

shift 4,6 = roll

ctrl 2,4,6,8 = pan

numpad + or - = zoom

## Rendering:

ctrl + alt + 0: snap camera to current viewpoint

0: toggle camera view

f12: render

# general

a: select all / alt A select none

L: select linked/ shift L unselect linked

s: scale (axis + number to scale by degrees or to flatten)

g: move

gg: move along vertex/edge

x: delete

r: rotate (axis + number to scale by degrees)

alt + z: toggle xray

ctrl + A: apply (transforms)

ctrl + J: join meshes

shift + A: add (mesh, lights, curves, etc)

tab: toggle edit mode

w: cycle selection type (circle, box, lasso)

x/y/z: constrain to axis use with scale, move rotate, extrude, etc

shift + x/y/z: constrain to all other axis

shift + D: duplicate (click to accept, right click to accept and snap in original position)

shift + N: recalculate outside normals

shift + M: mirror (or use mirror modifier for non-destructive mirror)

shift + tab: snapping toggle

O: proportional editing toggle

Z: select shading mode

shift + c: recenter

f3: search for a tool

# edit/wp mode

## Edit Mode:

1: point select

2: edge select

3: face select

k: knife (z to cut through to back, enter to accept)

ctrl + R: loop cut

P: separate mesh

m: merge vertices by first last center or distance

click + ctrl + click: find shortest distance between faces/points/edges

ctrl + B: bevel

f: fill face in gap

i: inset faces

e: extrude

ctrl +: increase selection

alt: select loop

## Weight Paint Mode:

alt + click: drag gradient (through all layers)

ctrl + alt + click: drag circle gradient (through all layers)

f + scroll: scale brush up or down