Blender Beginner Shortcuts

This document doesn't have **all** of the Blender shortcuts, but it should have enough to help people get started without needing to memorize much.
More shortcuts will be added over time to reflect what is shown in my videos.

If you want to learn **even more** shortcuts:
- Try using F3 to search (and pay attention to the shortcuts listed)
- Look through menus for more obscure operations
- Look for underlined letters in menus (you can select an option by pressing that letter)
- Try using the Screencast Keys addon with the "show last operator" option on.
  This will tell you the name of the operation and what menu it can be found under

Important links

Download Links

Download Blender from the official site:
https://www.blender.org/download/

Download Blender on Steam:
https://store.steampowered.com/app/365670/Blender/

Download the Blender launcher (always have the newest version):
https://dotbow.github.io/Blender-Launcher/

Video Links
Beginner friendly playlist:
https://youtube.com/playlist?list=PLzg4_2BrWAVwSyEgbgYGGflFefgtrmbay

Legend

LMB = left click = left mouse button

MMB = middle mouse button

RMB = right click = right mouse button

Ctrl (Windows) = cmd (IOS)

Alt (Windows) = Option (IOS)

Common Shortcuts (works in many windows)

Search menu	F3
Tools	T
Properties	N
Select all	A
Move	G
Rotate	R
Scale	S
Deselect	alt + A
Hide / unhide	H
Unhide all	alt + H
Hide all except selected	shift + H
Save	ctrl + S
Undo	ctrl + Z
Redo	shift + ctrl + Z
Rename	F2
View Selected / Focus	numpad . (period)

Navigation (3D Viewport)

Orbit / Rotate View	MMB + drag LMB + drag gizmo
Pan / Move View	MMB + shift + drag LMB + drag gizmo
Zoom	Scroll wheel MMB + ctrl + drag LMB + drag gizmo
View pie menu	` / ~ (backtick / tilde)
Switch views (numpad alternative)	MMB + alt + drag
Show all	home

Number Pad

	/ Local View / Isolate	
7 Top	8 Orbit Up	9 Orbit Opposite
4 Orbit Left	5 Perspective / Orthographic	6 Orbit Right
1 Front	2 Orbit Down	3 Right
0 Camera		. View Selected / Focus

Object Mode (3D Viewport)

Toggle object / edit mode	tab
Mode pie menu	ctrl + tab
Delete	X
Add object	shift + A
Adjust last operation	F9
Move	G
Rotate	R
Scale	S
Transform along axis	while transforming X / Y / Z
Transform along local axis	while transforming X,X / Y,Y / Z,Z
Transform along plane	while transforming shift + X / Y / Z
Clear location	alt + G
Clear rotation	alt + R
Clear scale	alt + S
Apply transform	ctrl + A
Trackball rotate	R, R
Precise movement	while transforming hold shift
Incremental movement / snapping	while transforming hold ctrl
Duplicate	shift + D
Duplicate linked	alt + D
Repeat last action	shift + R
Join Objects	ctrl + J
Select object	lmb
Select multiple objects	shift + lmb
Select all	A
Deselect	alt + A
Box select	LMB + drag / B

Circle Select	C
Lasso Select	Ctrl + RMB
Invert Selection	Ctrl + i
Select children	]
Select parent	[
Extend parent / child selection	shift +] shift + [
Hide / unhide	H
Unhide all	alt + H
Hide all except selected	shift + H
Parent to active object	ctrl + P
Clear parent	alt + P
Toggle solid / wireframe view	shift + Z
Toggle x-ray view	alt + Z
Link materials / link or transfer data	ctrl + L
Move 3D cursor	shift + RMB
Snap menu	shift + S
Pivot point menu	. (period)
Proportional editing	O
Change area of influence	while transforming scroll wheel
Affect multiple selected objects	while changing values in the N panel or properties window hold alt
Annotate	hold D + LMB
Erase annotation	hold D + RMB
Quick favorites	Q
Rename	F2
Batch rename	ctrl + F2
Move to collection	M
Add subdivision surface modifier	ctrl + 1 - 5

Edit Mode (3D Viewport)

Modeling

Vertex menu	ctrl + V
Edge menu	ctrl + E
Face menu	ctrl + F
Extrude	E
Extrude to cursor	ctrl + RMB
Extrude menu	alt + E
Bevel	ctrl + B
Vertex bevel	ctrl + shift + B
Inset	i
Inset individual faces	i, i
Loop cut	ctrl + R
Loop cut count	ctrl + R, scroll wheel
Loop / vertex slide	G, G
Knife	K
Shrink / fatten	alt + S
Shear	shift + ctrl + alt + S
To sphere	shift + alt + S
Fill face / new edge	F
Vertex connect path	J
Separate	P
Merge	M
Split	Y
Rip	V
Recalculate normals	shift + N
Normals menu	alt + N
Edge crease	while using subdivision surface modifier shift + E

Selection

Vertex select mode	1
Edge select mode	2
Face select mode	3
Select linked at cursor	L
Select shortest path	ctrl + LMB
Select edge loop	alt + LMB
Select edge ring	ctrl + alt + LMB
Select similar	shift + G
Grow / shrink selection	ctrl + ctrl -