

blender infographic map

Learn with a poster Size and thickness define IMPORTANCE

17/05/2020 FOR BLENDER 2.82 This map reflect my personal mind map and experience in using Blender 3d. I will improve and update in time, following development and ideas. Made by giudansky.com follow me for updates.

Object Mode or mult. modes Edit Mode Plugins New Feature

Cursor, origin, orientation

shift+Add object
OBJECT VIEW, EDIT VIEW, NODE EDITOR

shift+place place
THE ORIGIN OF EVERYTHING.

X delete

ctrl+X dissolve

shift+S snap
selection/cursor

shift+C reset
3d cursor to origin

Select

object

shift+O add to selection

A Select all

alt+A deselect

ctrl+I invert select

ctrl+L select linked

ctrl+alt+L select linked

W switch select mode

ctrl+G select grouped

alt+G select similar

ctrl+alt+G select similar

ctrl+alt+G select similar

ctrl+alt+G select similar

Transform

alt reset transform

alt+G Grab (move)

alt+R Rotate

alt+S Scale

alt+D Duplicate

alt+D Duplicate linked

ctrl+L make links from active to selected

U unlink instances

ctrl+P Parent element

alt+P Clear Parent

Shaders

F Connect selected nodes

shift+Q delete material

M mute node

ctrl+G Group selected nodes

ctrl+alt+G Ungroup

tab Edit group

shift+W node wrangler menu

ctrl+T add texture setup

Shaders

ctrl+shift+O preview selected node

shift+W node wrangler menu

ctrl+T add texture setup

Basic material setting

RGB MIXES

SHADER MANIPULATION

Texture Coordinate

Image Texture

Color

Vector

Factor

Shader

Light and material properties

Specular, Roughness/bump, Fresnel, Anisotropy, Dicroic, Multy layer, Reflection, Diffuse, Ambient, Scattering, Diffraction, Emission, Transparency, Refraction, Caustics, Dispersion, Translucency

3d Viewport

Z Viewport shading

alt+Z X-ray view

alt+B Isolation mode

ctrl+space maximize window

ctrl+O active Camera

ctrl+alt+O set camera on current view

shift+tab Snap

ctrl+shift+tab Snapping type

ctrl+alt+O set camera on current view

ctrl+alt+O set camera on current view

Views

7 top

8 ortho

9 opposite

4 front

5 ortho

6 right

1 front

2 ortho

3 right

0 camera user

0 camera user

0 camera user

Modes

tab Edit / Object Mode

ctrl+tab Edit / Object Mode

tools

S Color picker

add color swatch

move stencil

scale stencil

stroke depth order

stroke select

stroke select

stroke select

2D

HOLD Free hand draw

ctrl+O Erase

alt+O stroke select

shift+alt+O Polygon draw

grease pencil

Interface

f3 Search

ctrl+alt+Q divide view

edit mesh

ctrl+R Loopcut and slide

shift+ctrl+R Offset edge slide

ctrl+G Vertex groups

ctrl+G Vertex groups

ctrl+G Vertex groups

edit mesh

ctrl+R Loopcut and slide

shift+ctrl+R Offset edge slide

ctrl+G Vertex groups

ctrl+G Vertex groups

ctrl+G Vertex groups

animation

space PLAY

alt+M Mask paint

alt+M Mask remove

alt+M Mask remove

alt+M Mask remove

alt+M Mask remove

render

f12 Render

f11 show last render

ctrl+B Border render

ctrl+alt+B reset border

shift+Save image

organize

f2 Rename object

ctrl+f2 batch rename

ctrl+f2 batch rename

ctrl+f2 batch rename

ctrl+f2 batch rename

organize

ctrl+f2 batch rename

organize

ctrl+f2 batch rename

organize

ctrl+f2 batch rename

organize

ctrl+f2 batch rename

most used modifiers

Subdivision surface: Increase mesh detail. Use together with smooth shading and edge crease to obtain perfect detailed objects.

Array: duplicate a series of objects dynamically.

Skin: create an armature around the edge. Perfect for branches-like objects.

Shrinkwrap: shrink the mesh to the target object.

Bevel: bevel edges dynamically.

Solidify: adds depth to a flat surface.

Decimate: optimize a mesh and reduce polygons

Multiresolution: Increase mesh detail dynamically for detail sculpting.

mustload Addons

Node wrangler: Material node previews and more.

Loopools: Bridge faces, flatten faces, convert faces to circle shape, distribute vertex, etc.

Bool tool: Manage non destructive boolean modifier ops.

Material utilities: Context menu, assign and manage materials; selections, slots, overrides.

Copy attributes menu: Copy from active to selected

Import images as plane: Hang a painting in a click.

Extra objects (mesh and curve): Add gears, diamonds, pipes, single vert or the old dear teapot (SHIFT+A).

Add curve sapling: Tree generator.

Surface: Create surfaces with grease pencil.

Carver: Cuts and holes made easy.

Measure It: Add labels and measure every distance or angles between elements.

Archimesh: Generate architecture dynamical elements: rooms, doors, windows, columns, stairs, tile roofs.