



## 1. ARKIO (VR DESIGN TOOL) — BEGINNER TUTORIAL



**Arkio** is a VR tool for **quick architectural sketching and 3D modeling**, often used by designers and students. Here's a simple guide to get you started

## 2. WHAT ARKIO IS

- A **real-time 3D design app** in VR
- Used for:
  - Buildings 🏢
  - Interiors 🏠
  - Urban layouts 🗺️
- Works solo or with others (collaborative design!)

👉 Think of it as *sketching architecture in the air*, but with more structure than painting apps like Open Brush.

<https://www.youtube.com/watch?v=R5MicxOHNoQ>

## 3. BASIC CONTROLS

- **Trigger** → Create / place objects
- **Grip** → Move, scale, or rotate objects
- **Joystick** → Move around
- **Menu button** → Open tools panel

You interact with objects directly—grab walls, stretch them, reshape them.

<https://www.youtube.com/watch?v=R5MicxOHNoQ>

## 4. CREATING BASIC SHAPES

Start simple:

- Open the **primitive tools**
- Choose shapes like:
  - Cube (walls, rooms)
  - Cylinder (columns)
  - Plane (floors)

<https://www.youtube.com/watch?v=R5MicxOHNoQ>






## 5. . DRAWING & SKETCHING

Arkio lets you sketch ideas quickly:

- Use drawing tools to outline shapes
- Convert sketches into 3D geometry
- Great for early concepts instead of detailed models

## 6. EDITING OBJECTS

Once something is created:

- Grab it to **move**
- Use handles to:
  - Scale 
  - Stretch 
  - Rotate 

You can reshape objects very fluidly—no complex menus needed.

## 7. 6. NAVIGATING YOUR MODEL

- Walk physically (if you have space)
- Use joystick to move
- Scale the whole project:
  - Make it tiny → view like a model
  - Make it huge → walk inside

This is one of Arkio's most powerful features.

## 8. 7. COLLABORATION MODE

- Invite others into your session
- Work together in real time
- Great for:
  - Team projects
  - Design reviews
  - Teaching

## 9. MATERIALS & VISUALS

- Apply simple materials/colors
- Switch between:
  - Concept mode (clean shapes)
  - More detailed visualization

## 10. IMPORT & EXPORT

Arkio works well with other tools:

- Import models from:
  - Revit
  - SketchUp
- Export your designs for further editing

<https://www.youtube.com/watch?v=VEuJZIGHc30>

## 11. BEGINNER TIPS

- Start with **simple blocks**, not details
- Think in **spaces (rooms)** instead of objects
- Use scaling often to check proportions
- Don't aim for perfection—Arkio is for fast ideas

## Task

Create a neighbourhood with big building and several small houses

## Task 1

Create a building with two rooms and a rooftop using the sketch-up walls and extrude tool