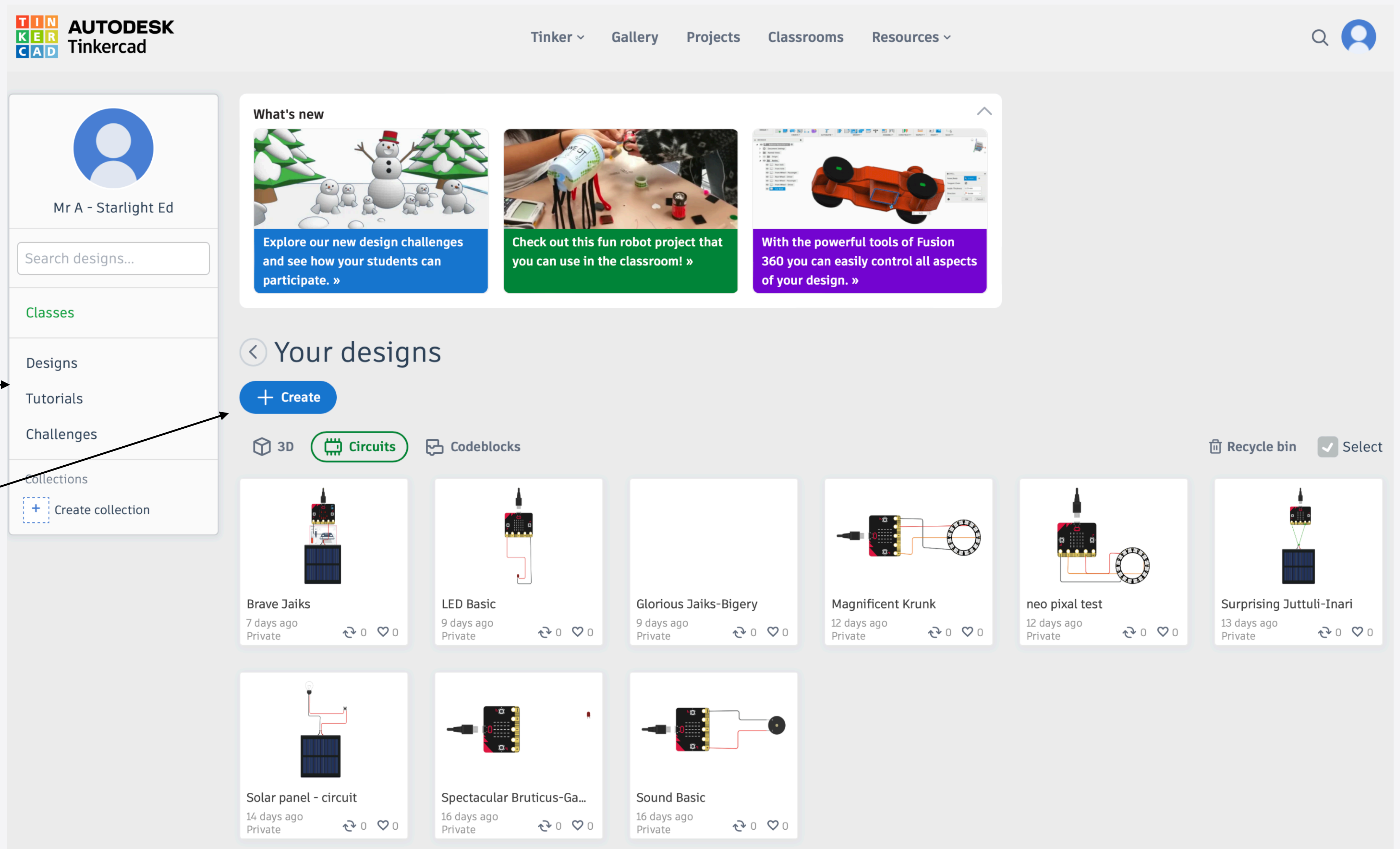




AUTODESK®
TINKERCAD®

TinkerCAD Home Screen



The screenshot shows the TinkerCAD home screen. At the top left is the Autodesk Tinkercad logo. The top navigation bar includes 'Tinker', 'Gallery', 'Projects', 'Classrooms', and 'Resources'. On the right, there are search and user profile icons. The left sidebar contains a user profile for 'Mr A - Starlight Ed', a search bar for designs, and a menu with 'Classes', 'Designs', 'Tutorials', 'Challenges', and 'Collections'. The main content area features a 'What's new' section with three featured projects, a 'Your designs' section with a '+ Create' button and tabs for '3D', 'Circuits', and 'Codeblocks', and a grid of design thumbnails. Each thumbnail includes a title, creation date, privacy status, and interaction icons (refresh, heart, share).

What's new

- Explore our new design challenges and see how your students can participate. »
- Check out this fun robot project that you can use in the classroom! »
- With the powerful tools of Fusion 360 you can easily control all aspects of your design. »

Your designs

+ Create

3D Circuits Codeblocks

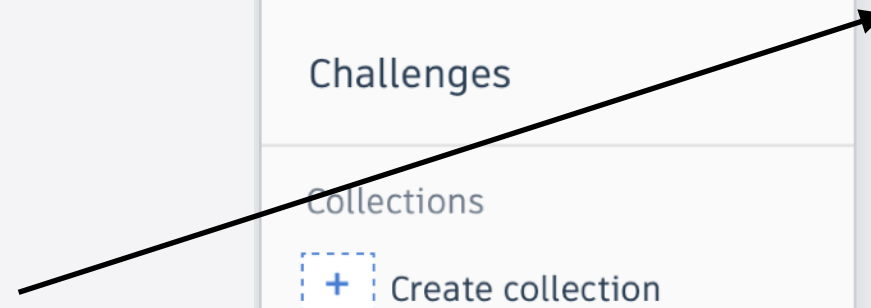
Recycle bin Select

Design Title	Creation Date	Privacy	Refresh	Heart	Share
Brave Jaiks	7 days ago	Private	0	0	0
LED Basic	9 days ago	Private	0	0	0
Glorious Jaiks-Bigery	9 days ago	Private	0	0	0
Magnificent Krunk	12 days ago	Private	0	0	0
neo pixal test	12 days ago	Private	0	0	0
Surprising Juttuli-Inari	13 days ago	Private	0	0	0
Solar panel - circuit	14 days ago	Private	0	0	0
Spectacular Bruticus-Ga...	16 days ago	Private	0	0	0
Sound Basic	16 days ago	Private	0	0	0

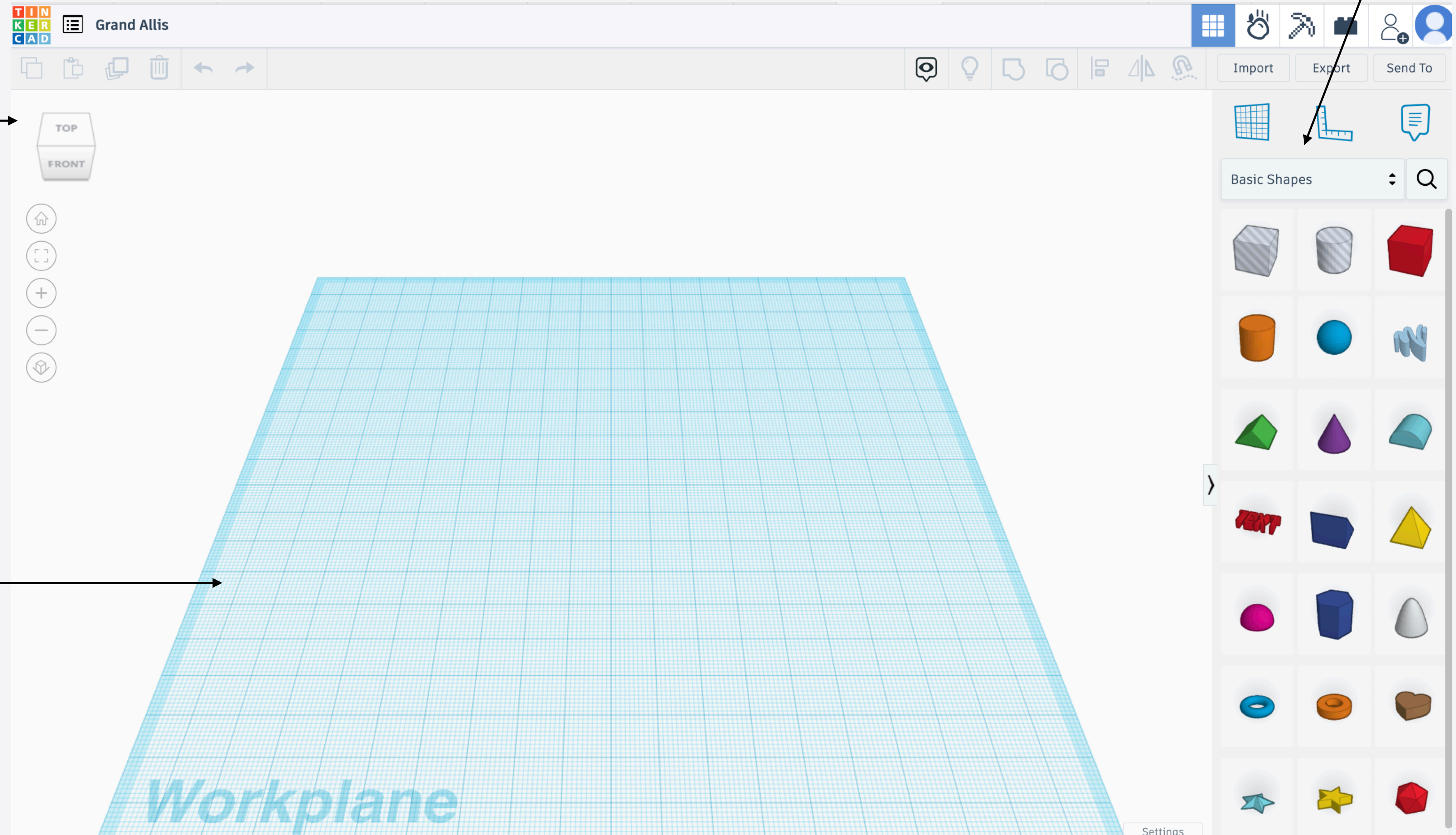
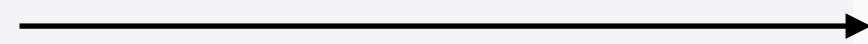
Where to see your Designs



Where to see your Designs

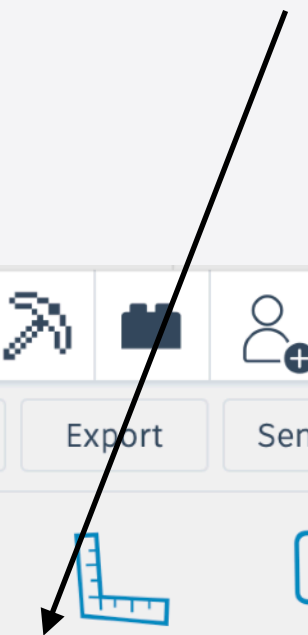
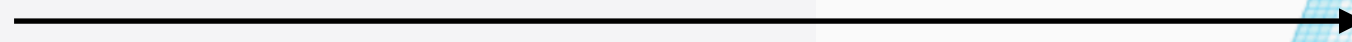


How to view you Design
From different angles



The screenshot shows the TinkerCAD interface. At the top, there is a header with the TINKERCAD logo, the name 'Grand Allis', and various utility icons. Below the header is a toolbar with icons for copy, paste, delete, undo, redo, and other functions. On the left side, there are view controls for 'TOP' and 'FRONT' views, along with zoom in (+) and zoom out (-) buttons. The main area is a large blue grid labeled 'Workplane' at the bottom. On the right side, there is a 'Basic Shapes' library with a search bar and a grid of various 3D shapes like cubes, cylinders, spheres, and pyramids. A 'Settings' button is located at the bottom right of the library.

Where we will create
Designs



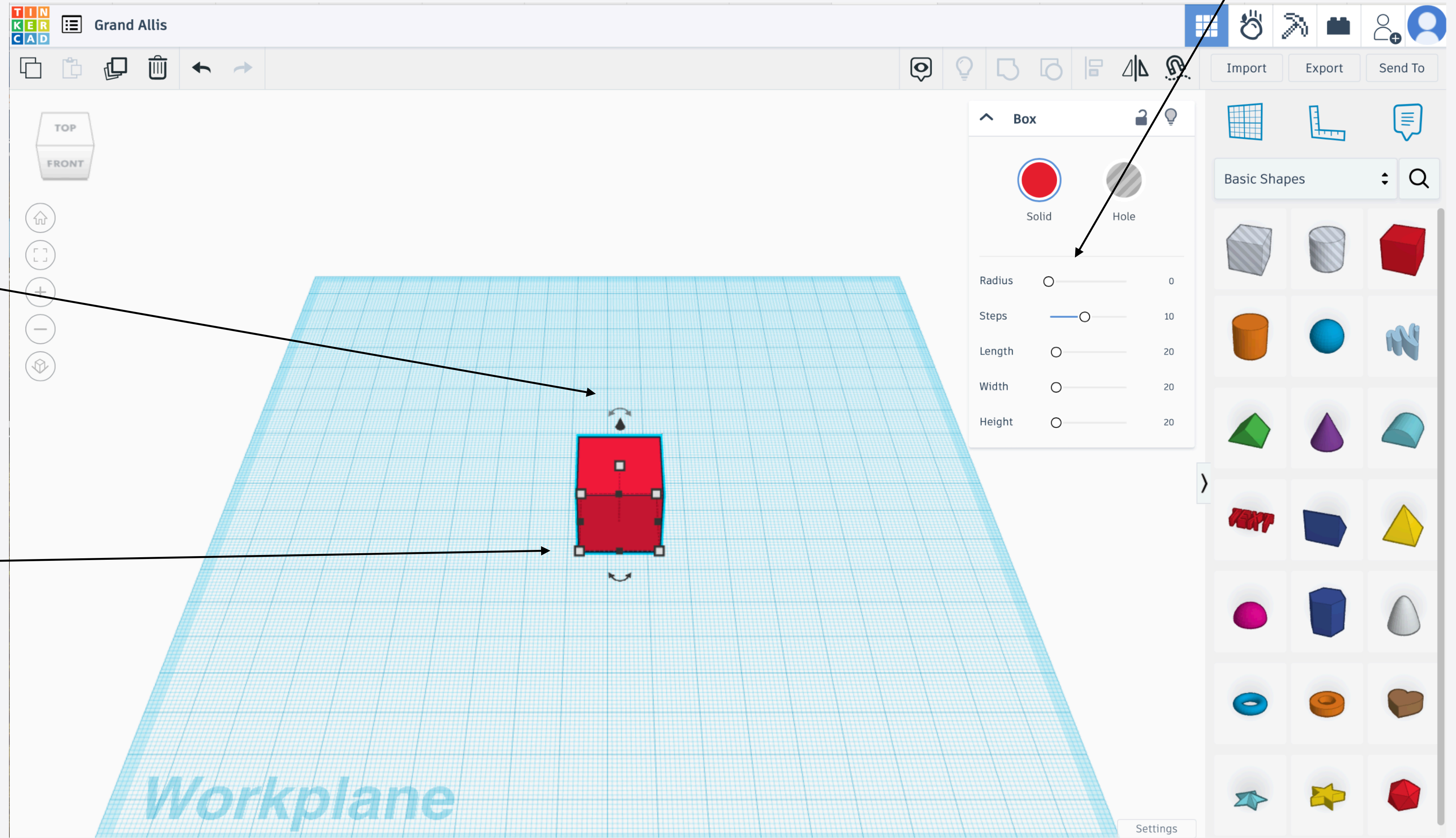
TinkerCAD

Adding objects

Measurements of the object
Can also be changed here

Arrows rotate the object

Small white and black boxes change the shape



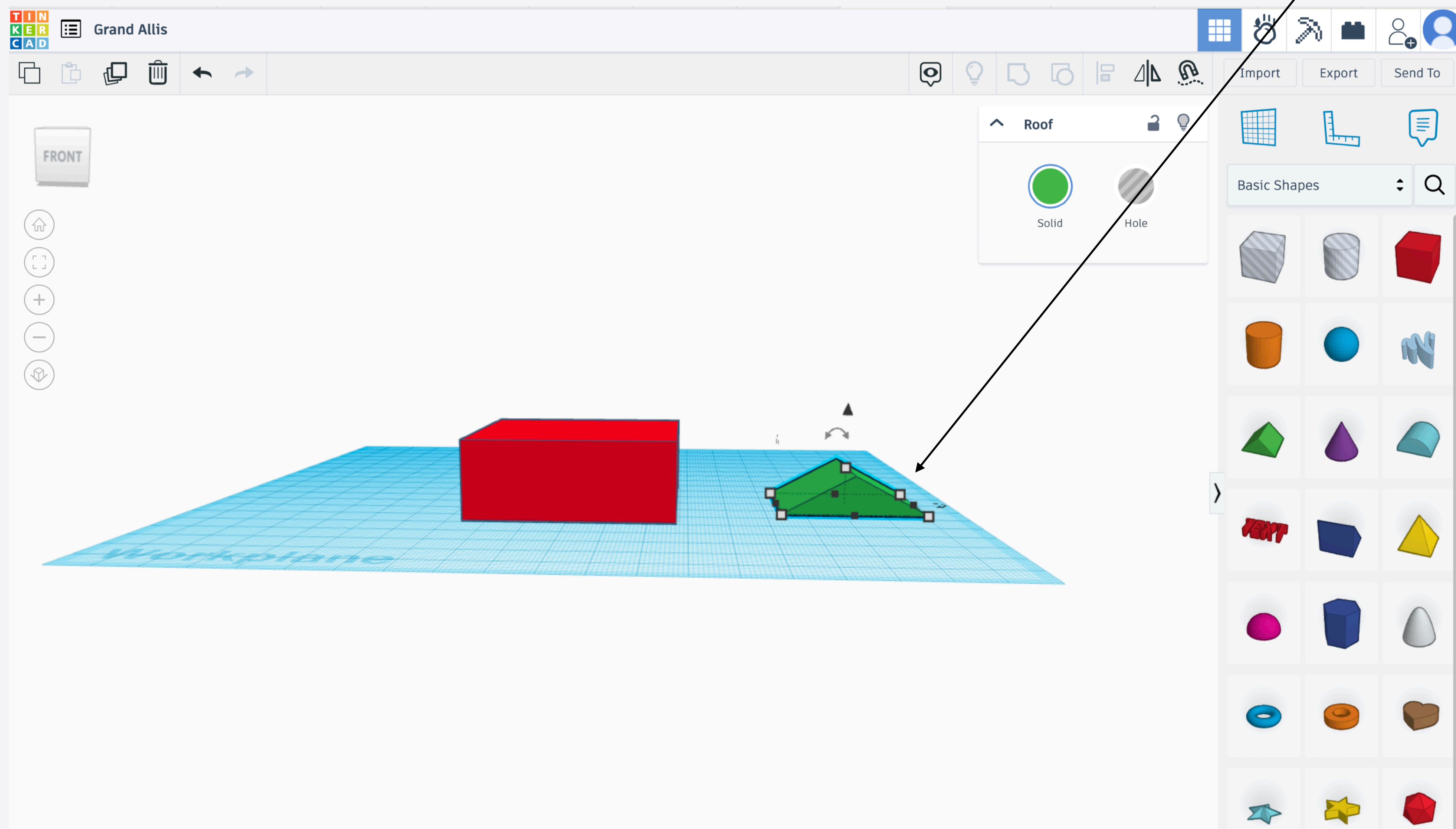
The screenshot displays the TinkerCAD software interface. At the top, the 'TINKERCAD' logo and the name 'Grand Allis' are visible. Below this is a toolbar with icons for file operations (copy, paste, delete, undo, redo) and a 'Send To' section with 'Import', 'Export', and 'Send To' buttons. On the left side, there are view controls for 'TOP' and 'FRONT' views, and a vertical toolbar with icons for home, zoom, pan, and rotate. The main workspace is a blue grid labeled 'Workplane' at the bottom. A red rectangular box is positioned on the grid, with small white and black handles for resizing and rotation. To the right of the workspace is a 'Basic Shapes' panel with a search bar and a grid of various 3D shapes. A 'Box' settings panel is open, showing options for 'Solid' (red circle) and 'Hole' (grey circle), and sliders for 'Radius', 'Steps', 'Length', 'Width', and 'Height', all set to 20. A 'Settings' button is located at the bottom right of the interface.

Settings

TinkerCAD

Moving objects

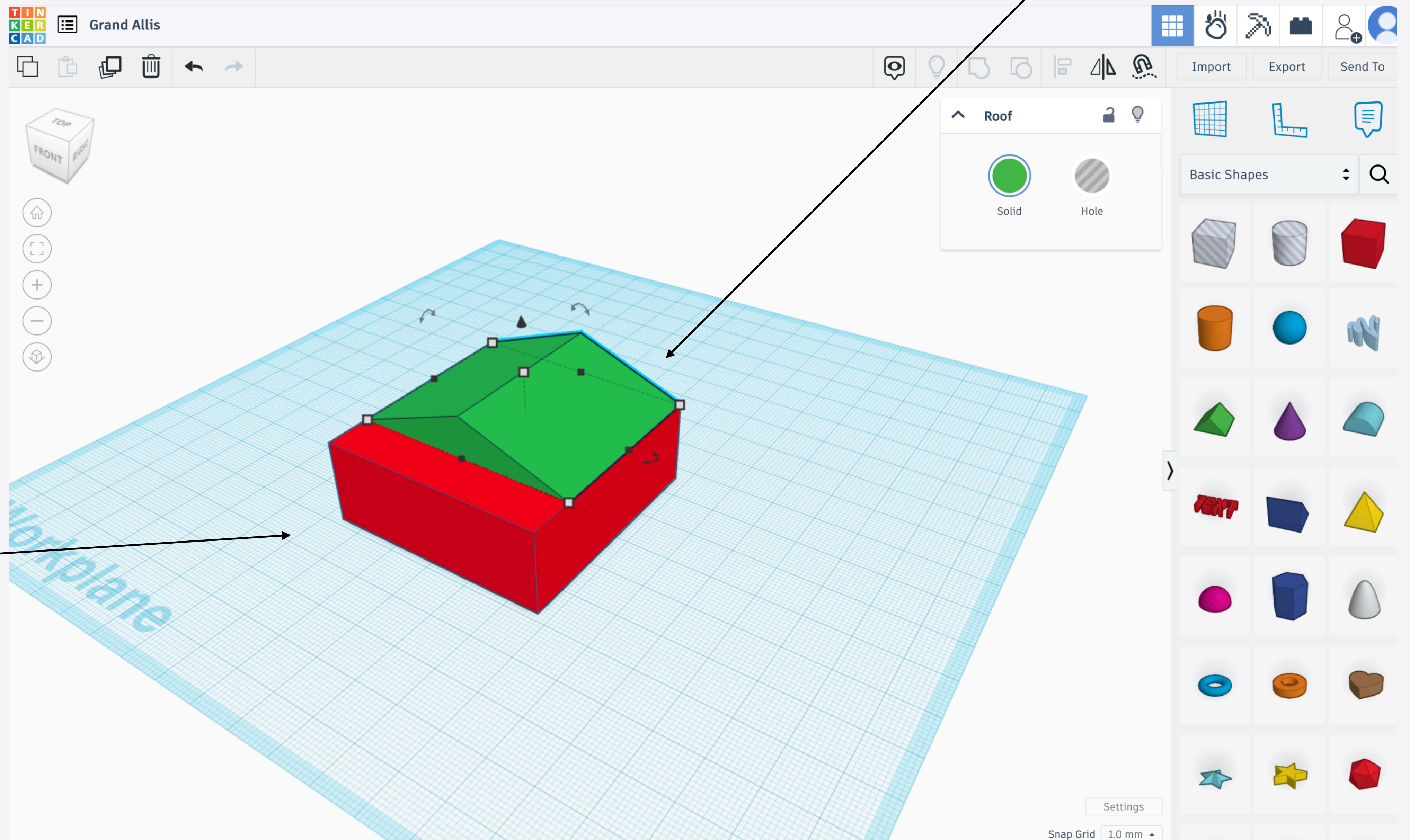
Arrow can make the object go up and down



TinkerCAD

Adding objects

Add the green shape onto the Red shape to make a house

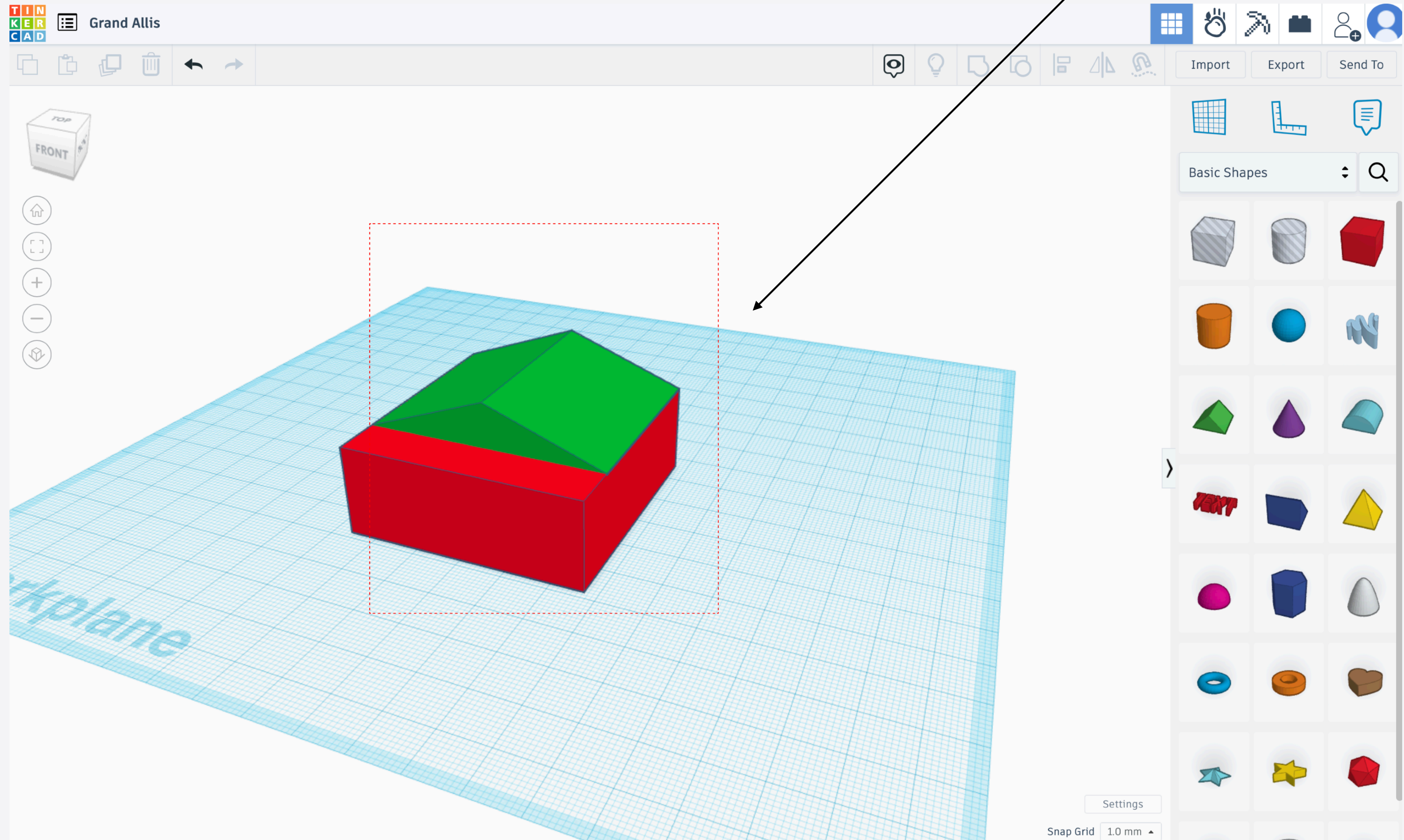


You will have to move the black and white small boxes around

TinkerCAD

Grouping objects

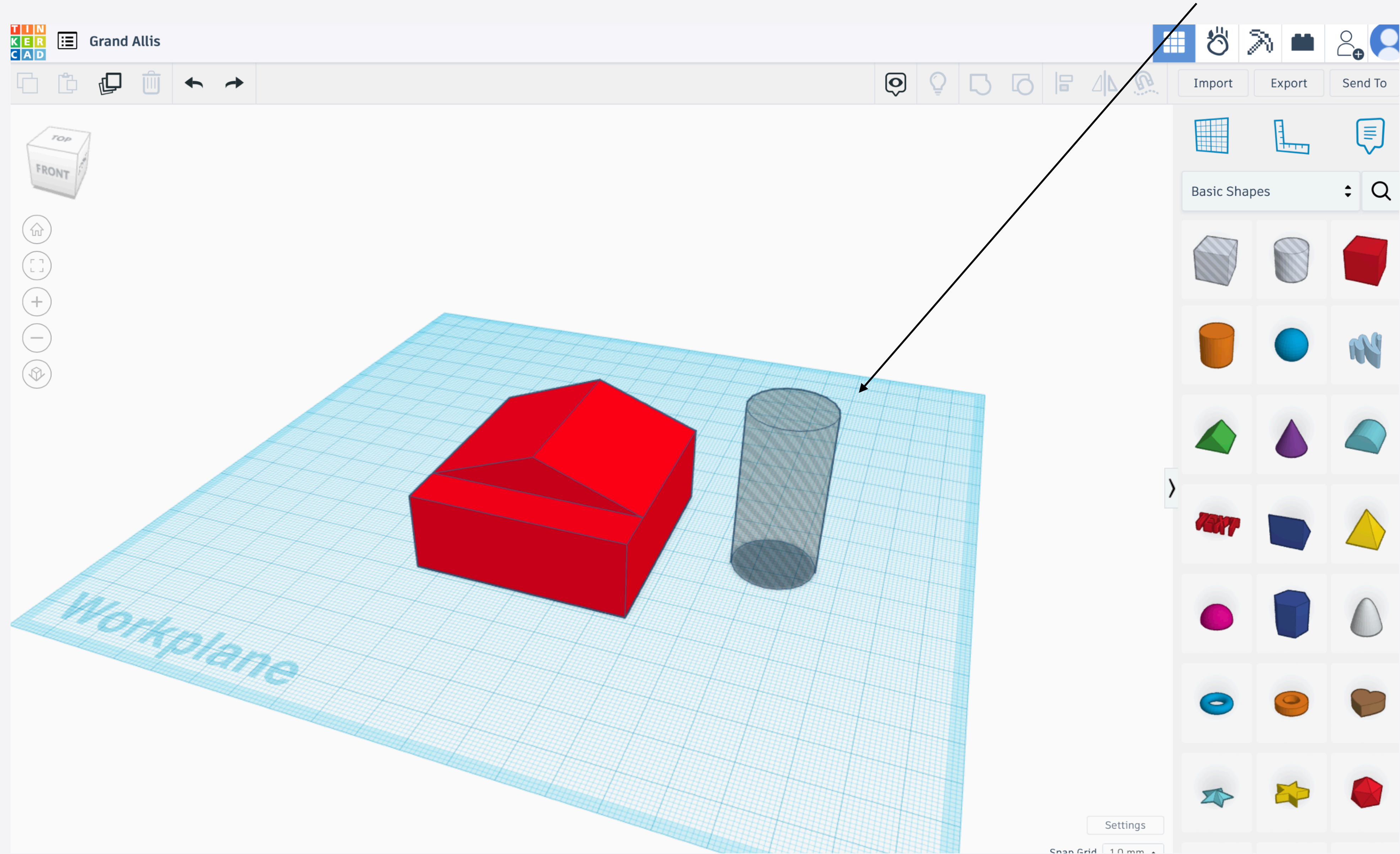
Red box will 'Group' these two
Objects and make them into one unique
Object



TinkerCAD

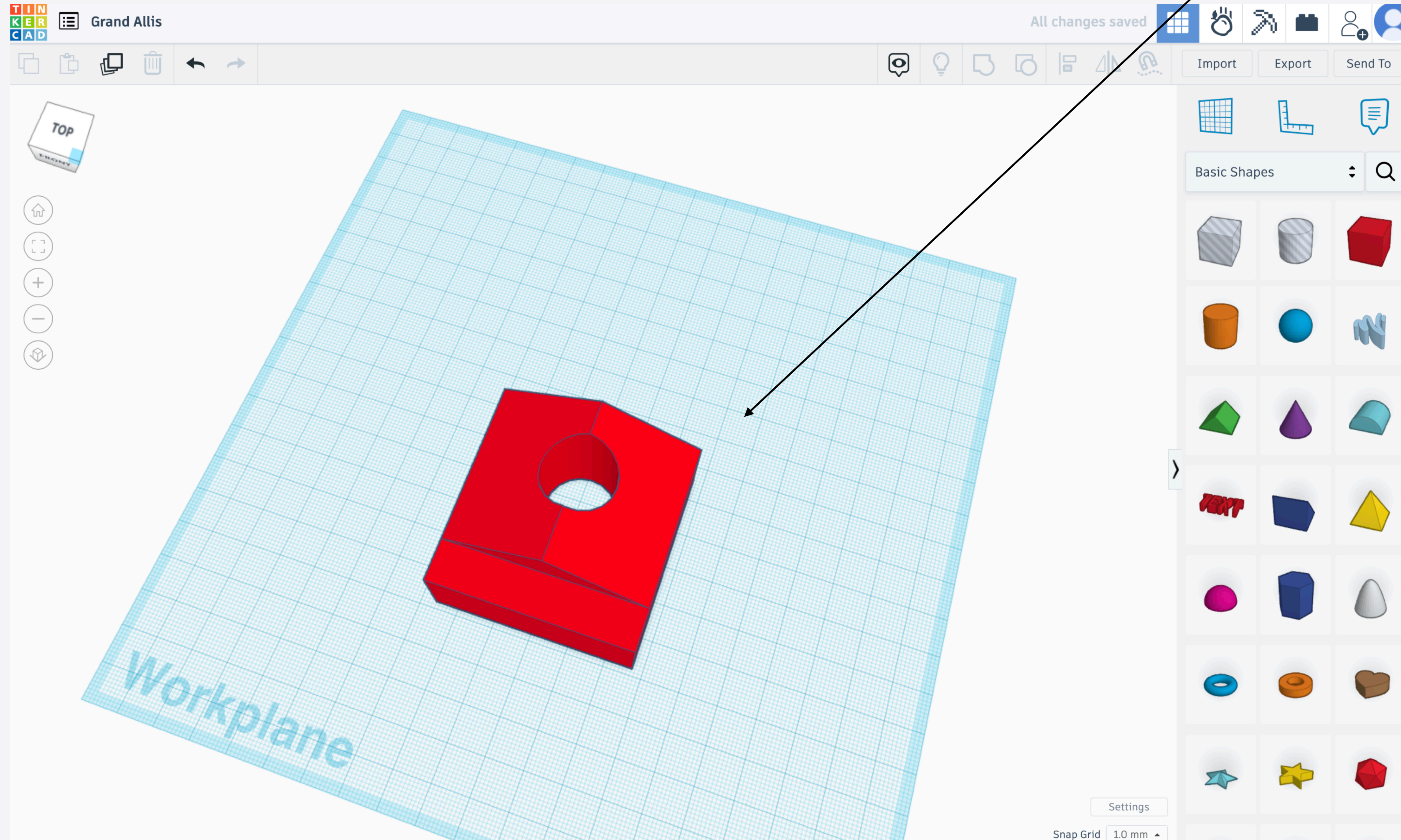
Adding the 'hole' objects

Drag over a cylinder 'hole'



TinkerCAD Group objects

Drag over a cylinder 'hole'
And 'group'

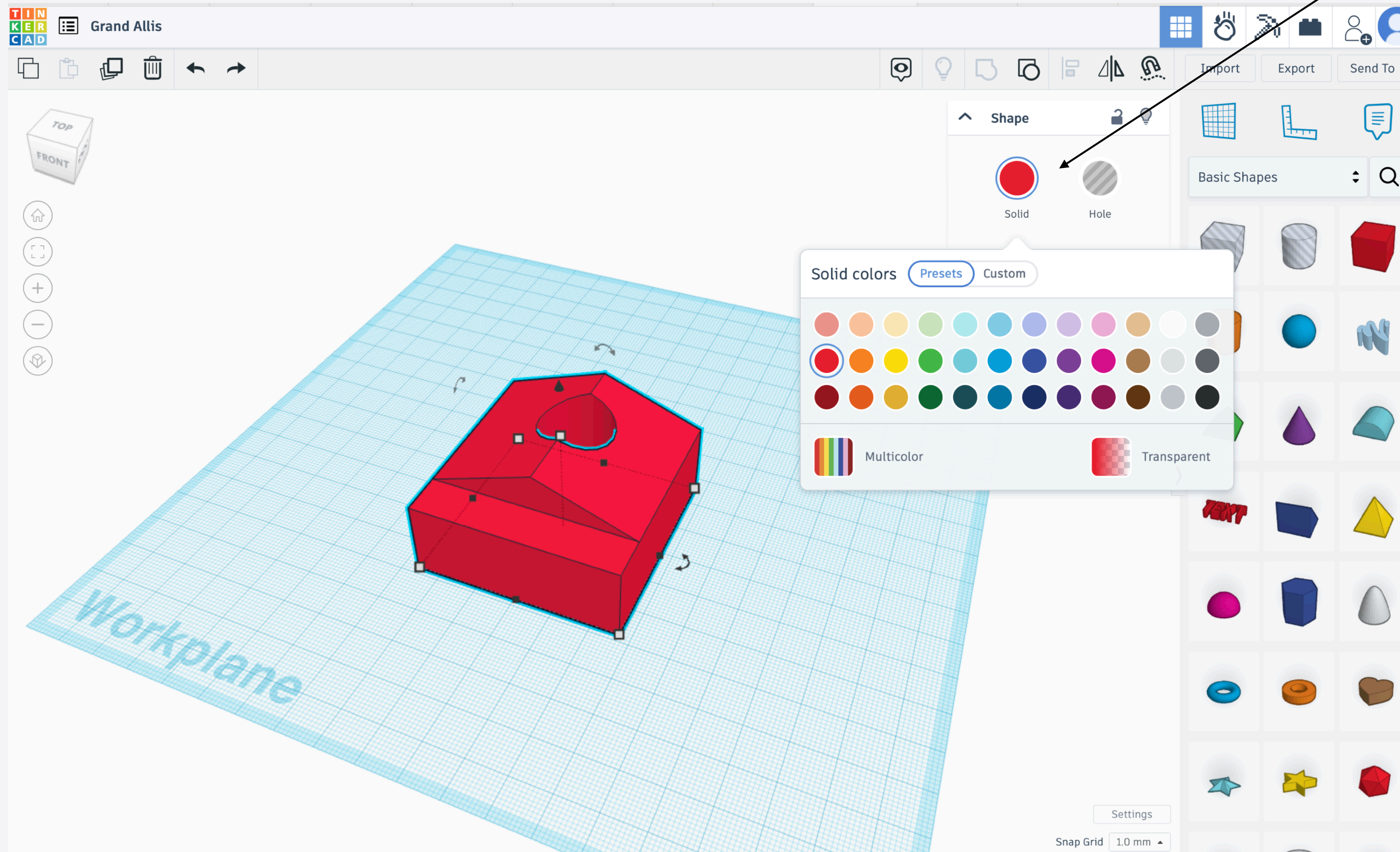


The screenshot displays the TinkerCAD web interface. At the top left, the 'TINKERCAD' logo and the user name 'Grand Allis' are visible. The top toolbar includes icons for undo, redo, and a 'Group' button (represented by a grid icon). A black arrow originates from the 'Group' button and points to a circular hole in a red rectangular block on the blue grid workplane. The right sidebar contains the 'Basic Shapes' panel, which lists various 3D primitive shapes like cubes, cylinders, spheres, and cones. At the bottom right, there is a 'Settings' button and a 'Snap Grid' dropdown menu set to '1.0 mm'.

TinkerCAD

Changing Colours

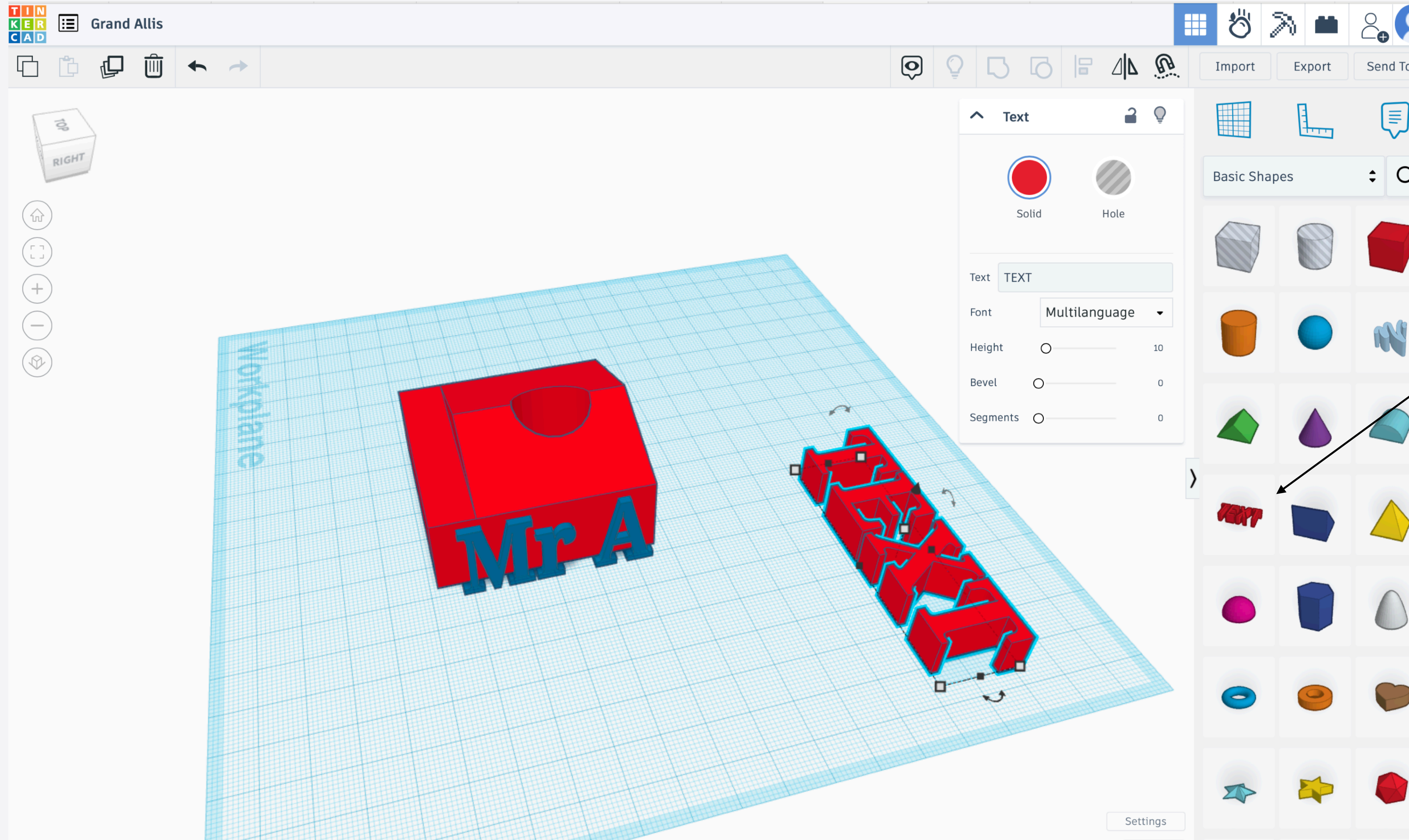
Changing Colours



The screenshot displays the TinkerCAD software interface. At the top left, the 'TINKERCAD' logo and the name 'Grand Allis' are visible. The main workspace features a blue grid labeled 'Workplane' with a red 3D object. A 'Shape' panel is open, showing 'Solid' and 'Hole' options. A color selection palette is overlaid on the workspace, with 'Solid colors' selected. The palette includes a grid of color swatches, 'Multicolor', and 'Transparent' options. A 'Settings' panel at the bottom right shows 'Snap Grid' set to '1.0 mm'. A black arrow points from the text 'Changing Colours' to the red color swatch in the palette.

TinkerCAD

Writing words

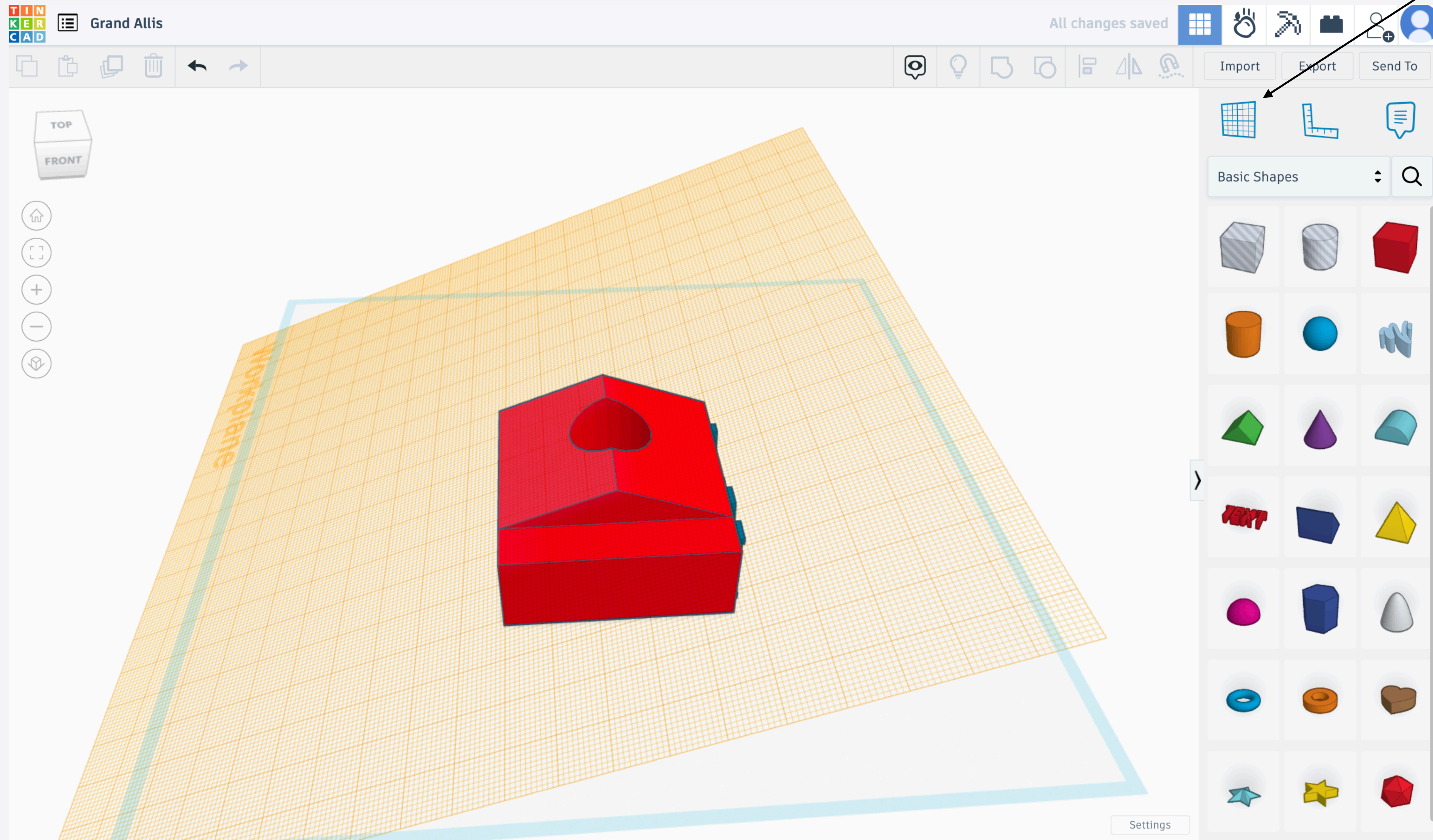


Drag 'TEXT'
To write things

TinkerCAD

Changing the workplane

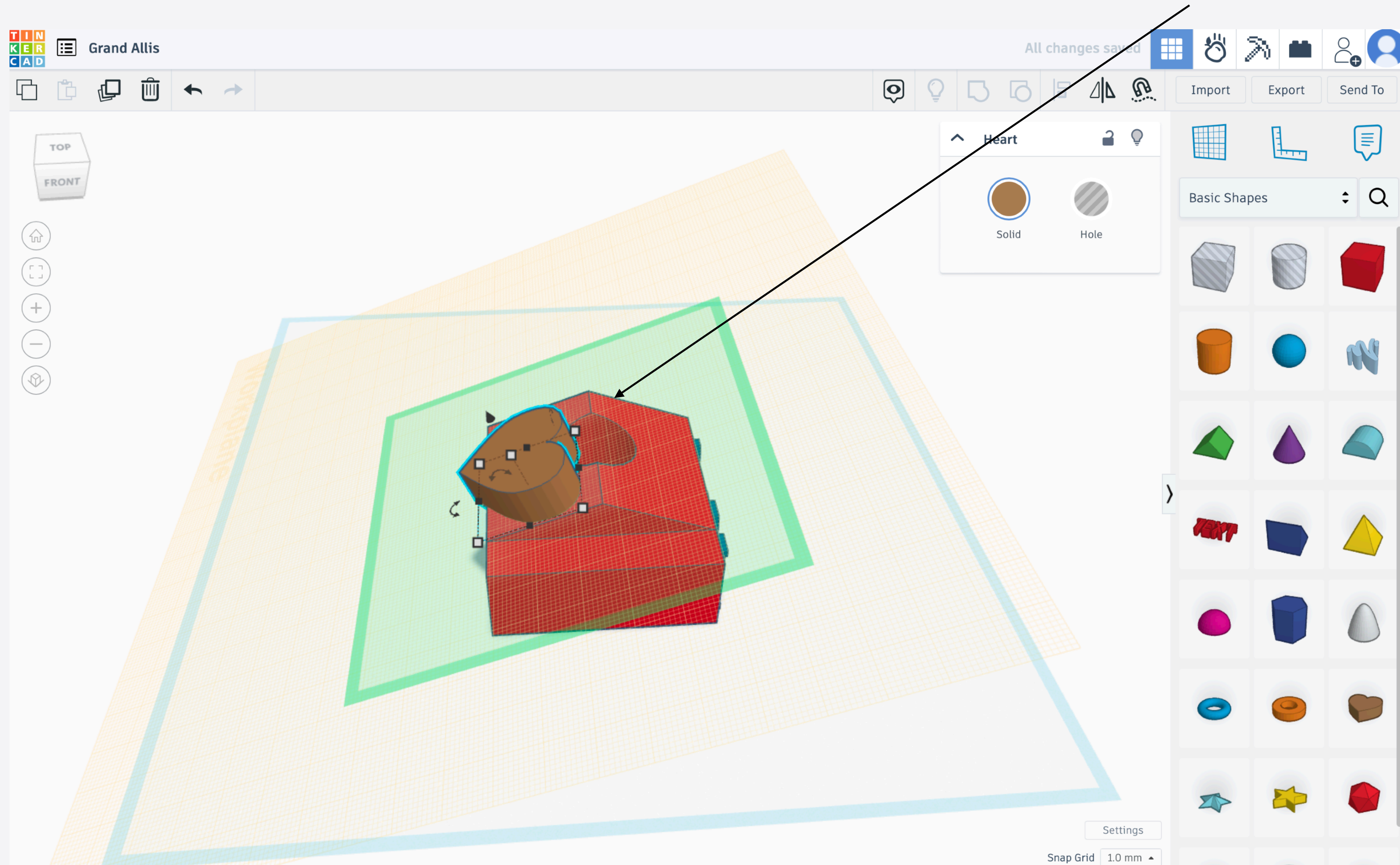
Drag the workplane onto the Design



TinkerCAD

Add objects onto your workplane

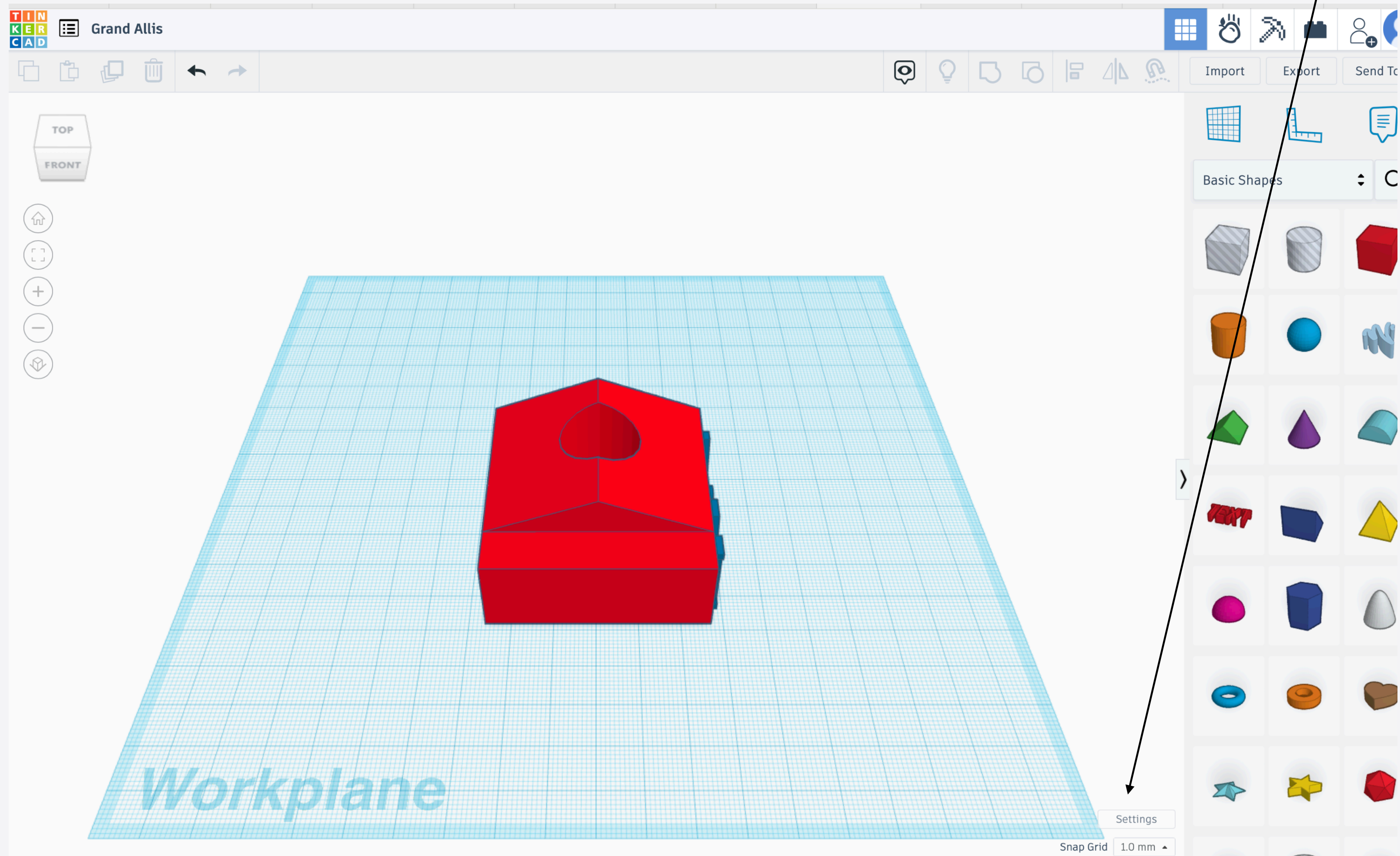
Add objects onto your new workplane



TinkerCAD

Making your workplane bigger

Click setting



The screenshot displays the TinkerCAD web interface. At the top, the 'TINKERCAD' logo and the name 'Grand Allis' are visible. Below the logo is a toolbar with icons for copy, paste, delete, undo, and redo. To the right of these are icons for camera, light, speech, and other functions, along with buttons for 'Import', 'Export', and 'Send To'. On the left side, there are view controls for 'TOP' and 'FRONT' views, and a vertical toolbar with icons for home, zoom in, zoom out, and reset view. The main workspace features a large blue grid labeled 'Workplane' at the bottom left. In the center of the grid is a red 3D model of a box with a heart-shaped cutout on top. On the right side, a 'Basic Shapes' panel is open, showing a grid of various 3D shapes. A 'Settings' button is located at the bottom right of the grid, and a 'Snap Grid' dropdown menu is set to '1.0 mm'. A black arrow points from the text 'Click setting' to the 'Settings' button.