Bring Your Presentations to Life with 3D
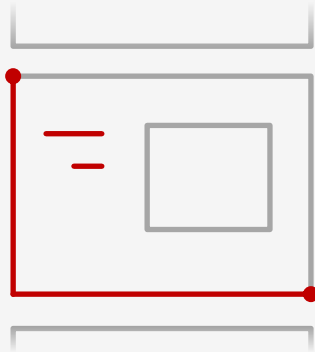
How to get started with 3D in PowerPoint

About this deck

[Office subscribers](#) can add 3D models to documents and rotate the angle to show the right view. If you don't have a subscription, the deck simply shows a single view.
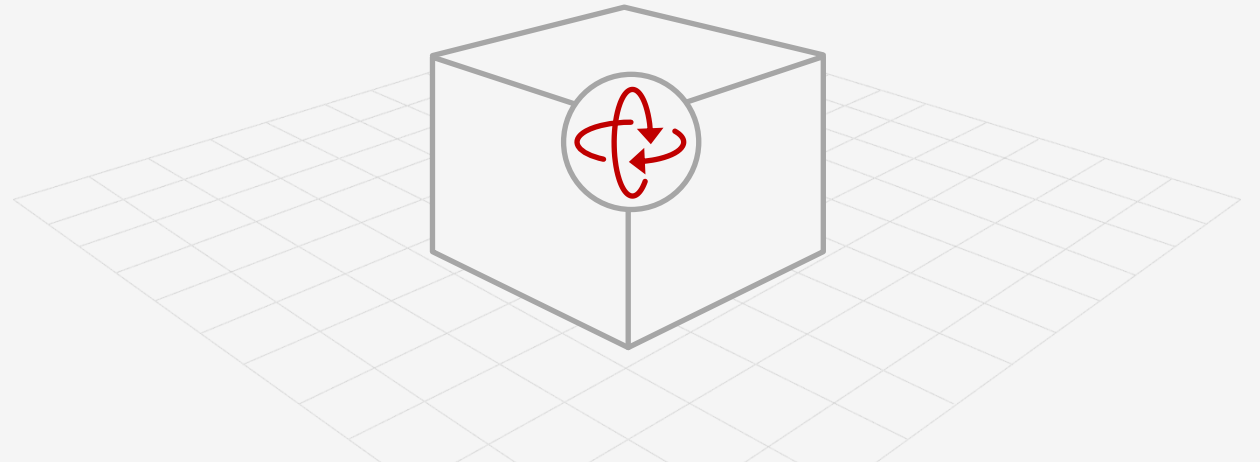
Why Use 3D?

2D Slides

Slides are a static portrait.

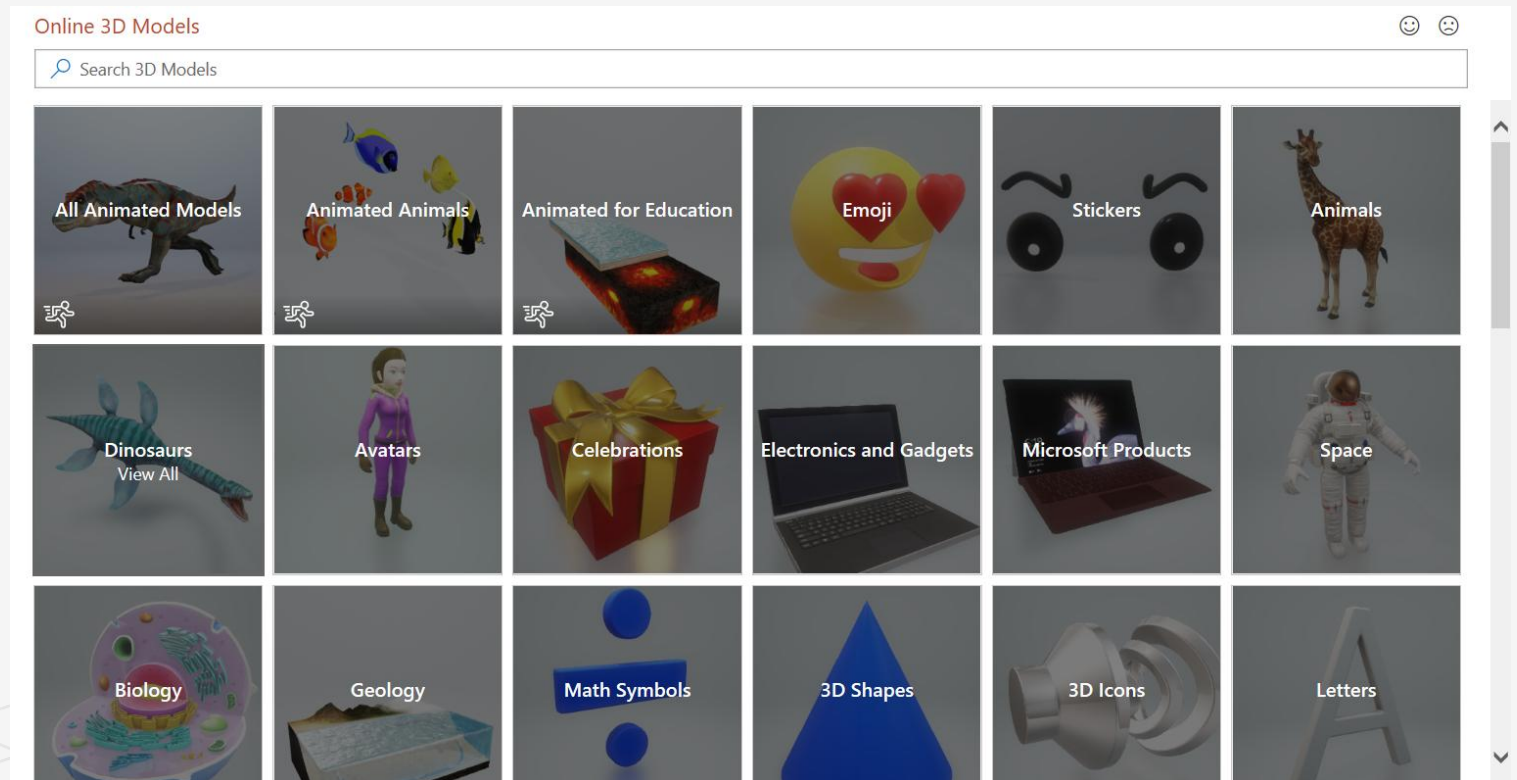Audience is passive and cannot interact.

3D Models

3D helps foster conceptual understanding and visual and spatial thinking.

Animated 3D models display objects within space in ways text and images cannot.

No 3D Model? No Problem!

Microsoft makes it easy to insert a 3D Model! Simply go to the Insert Ribbon and click on the 3D Models option. Choose the option for online sources gallery (shown at the right). Select the model you wish to insert.

3D Models is a subscription-only feature. If you have a subscription, the next slide shows you how it works in a new presentation.

How to Insert a 3D Model

To Insert a 3D Model:

1 From the Ribbon, go to
Insert > **3D Models**
-or-
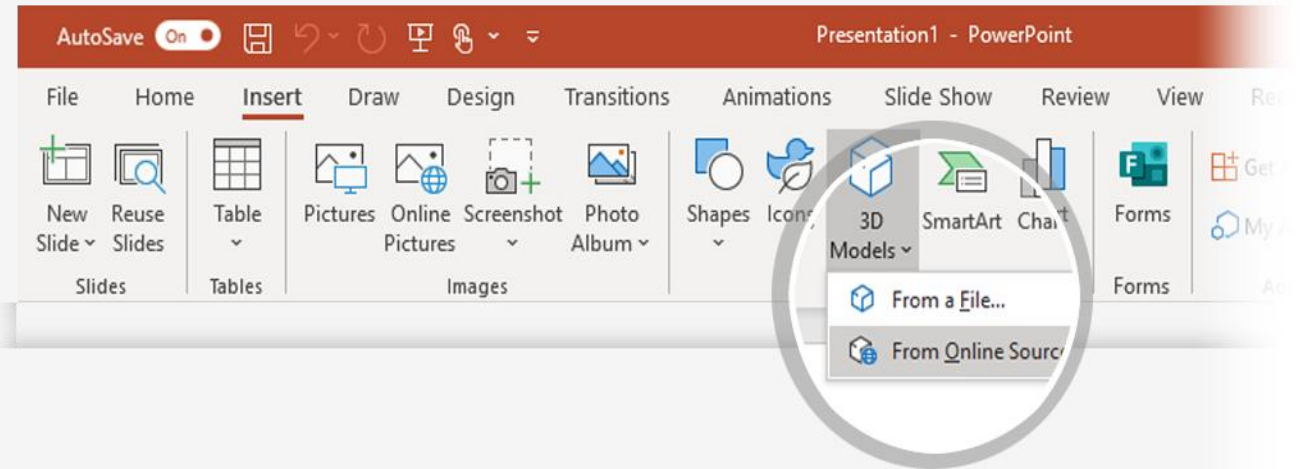**Insert** > **3D Models from Online Sources**

That will open the Online 3D Models Window where you can search or browse categories of various 3D models, right from within PowerPoint.

Hint: You need to be online when you add the model.

2 To search for a keyword, **type a word** or phrase into the search box at the top of the window and press **enter**.

3 To insert a 3D Model, **click** or **tap** on the model > **Insert**.

The 3D Model will now be downloaded and placed onto your PowerPoint slide.

Have Your Own 3D Model? You Can Import It!

PowerPoint allows you to import a variety of popular 3D model formats.

So no matter your workflows outside of PowerPoint, you should be able to find a suitable solution to make your 3D models portable and presentable to virtually anyone, anywhere and on any device (with just a few quick modifications)
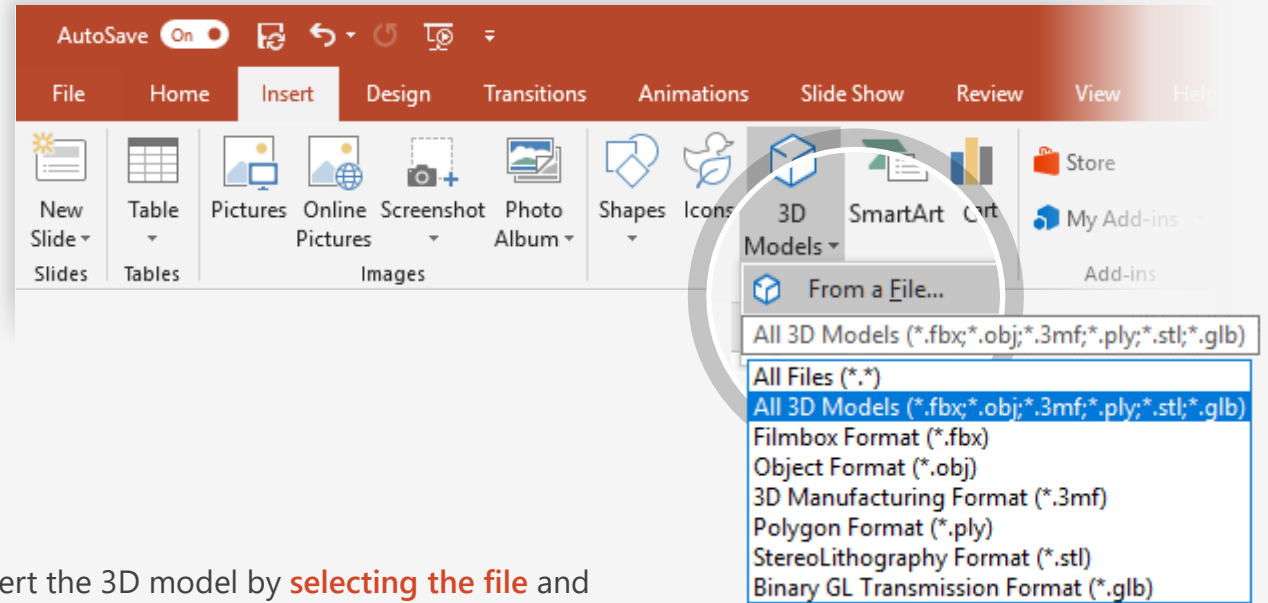
To Insert a 3D Model:

1 Go to **Insert** > **3D Models from a File...**

This will open the Insert 3D Model Window where you can search your computer, network or cloud drive for any saved 3D models.

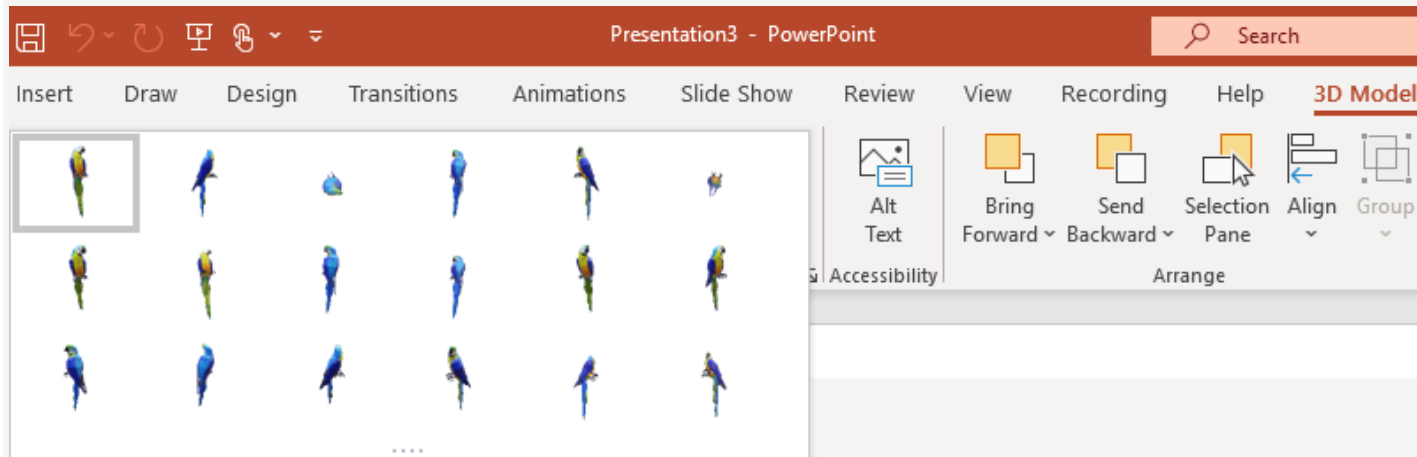**2** Insert the 3D model by **selecting the file** and clicking on **Insert**.

The 3D Model will now be placed onto your PowerPoint slide

Two Ways to Position and Rotate Your 3D Model

Try them yourself with the parrot on the right:

1 Click on your 3D Model: **Click and hold** on the 3D control to rotate or tilt your 3D model up, down, left, and right.

3D Control

2 Alternatively, with your model selected, on the Ribbon, in the 3D Model Tool Format tab, you can **click** on 3D Model Views gallery to apply one of the various **position views.**

Pan and Zoom

To resize or crop your 3D model within a frame, you can use the pan and zoom tool.

1 Select your 3D model > **3D Model** > **Pan & Zoom**

Note: the Pan & Zoom tool acts like an on/off (toggle) switch. Once pressed, you'll see a gray box around the Pan & Zoom button to indicate the feature is activated. Press the button again to deactivate the Pan & Zoom feature.

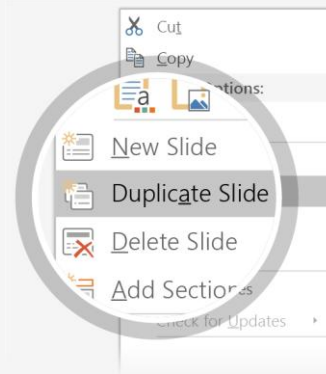**2** With the Pan & Zoom button enabled, now **move, rotate, and resize** your 3D model.

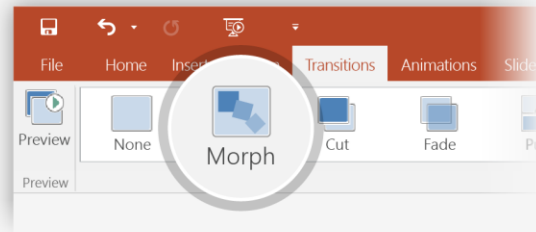**3** When you are finished editing, click the **Pan & Zoom** button again to exit Pan and Zoom mode.

Now Animate Your 3D Model Using the Morph Transition

Try it yourself with the parrot on the right:

1 Duplicate this slide: Right-click the slide thumbnail and select **Duplicate Slide**.

2 In the second of these two identical slides, change the 3D Model on the right in some way (rotate, move, or resize), then go to **Transitions** > **Morph**.

3 Return to the first of the two slides and press the **Slide Show** button and then select **Play** to see your parrot morph!
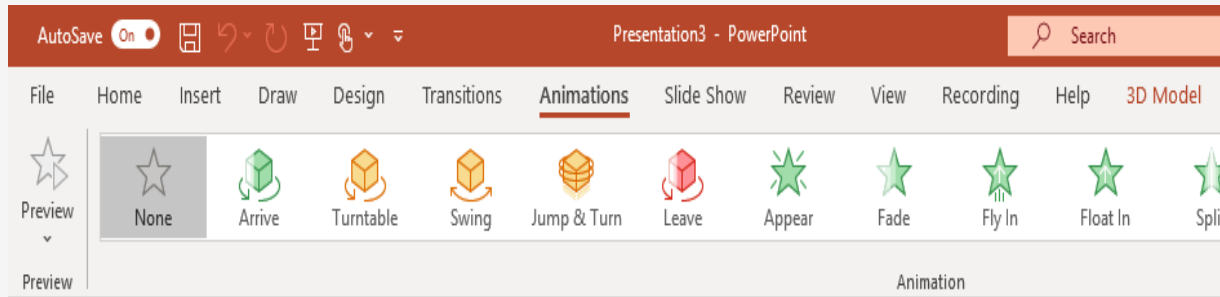
Animate Your 3D Model Using the Animations Tab

Try it yourself with the parrot on the right:

1 Select the 3D Model on the right, then go to **Animations** > **Turntable**

💡 **Hint: Effect Options** gives you even more options for **Turntable**.

2 Explore the other new animations designed specifically for 3D models: **Arrive**, **Swing**, **Jump & Turn**, and **Leave**.

3 Click Add Animation to combine the new 3D animations with other classic 2D animations, such as **Fade**, **Grow/Shrink**, or one of the many **Motion Paths** animations to test and see what is possible.

More questions about PowerPoint?

Select the **Tell Me** button and type what you want to know.

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SELECT THE ARROW WHEN IN SLIDE SHOW MODE

Try

start presentation

morph transition

change slide background

insert image from web

add online video