

3D SOLAR SYSTEM ANIMATION

What's that?

This Project shows the 3D animation of the sun, earth and moon in the Solar System.

What can you do?

You can change the speed around which planets are around themselves and around the sun.

You can change the view angle of the camera.

You can zoom in or out.

You can switch to transparent image by opening the line mode.



How was it improved?

This project was developed using WebGL to obtain 3D images. Web Graphics Library, or WebGL, is a JavaScript API that allows compatible web browsers to render 2D and 3D graphics without the assistance of a plug-in. WebGL is based on OpenGL ES 2.0 and uses the HTML5 canvas element.

Each sphere consists of a combination of many triangles and their positions are replaced by matrix operations.