

# Noah's Ark 3D

Teaching Biblical History through 3D simulation

## Lesson

Teaching Biblical History through 3D simulation

## Objectives

1) Students will gain a basic understanding of Noah's Ark and Biblical History through 3D simulation and visualization

2) Students will gain a deeper understanding of the size, shape, dimensions, and composition of Noah's Ark

## Activity

Students travel around Noah's Ark in real-time 3D, helping them to understand important Biblical events.

## Materials

### Noah's Ark3D Homepage

(click or cut and paste URL into browser)

<http://www.sunrisevr.com/noahsark3d>



## 3D Simulation and Investigation

3D simulations are designed to make subject matter more engaging to today's technology-savvy kids, and help them bridge the gap between the "concrete" world and the abstract world of concepts. When students experience complex subject matter in real-time 3D it becomes clearer. Students learn best when they are actively immersed in subject matter from a variety of different viewpoints; 3D simulation is designed to help students visualize difficult ideas and objects through investigation at any scale (atomic, cellular, planetary, conceptual, etc), and doing things that would normally be impossible.

## Required Technology

- PC/Tablet

## Optional Technology

- Projector
- Multiple Computers
- Internet Connection

## Grouping

- Large Group Instruction
- Small Group Instruction

## Staging

Check computer/Tablet for Internet access if needed

## Procedure

1. Access program
2. Pick a lead student navigator to control movement through the 3D environment
3. Pick a lead student reader to read information about Noah's Ark as it appears on-screen
4. Begin the lesson by asking students what they already know about Noah's Ark; write responses on the board
5. Review basic facts about Noah's Ark including:
  - Noah's Ark is one of the most famous structures in human history, the centerpiece of Judeo-Christian flood story
  - The Ark was about 450 feet, or 137 meters long, and took Noah 120 years to build
6. Start traveling through the program, facilitate discussion by asking where the class should go.
7. Use the 3D simulation as a visual aid; explain information as needed
8. Have students pay special attention to:
  - The Great Flood
  - Ark Length
9. Have a final wrap-up with students with a question and answer period about the Ark, its construction, and the Great Flood.

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## Optional Activity: 3D Scavenger Hunt + Discussion

Have students find a particular part of Noah's Ark, such as the animal chambers. If students are on multiple computers, have them "race" to the part of the program the teacher wishes to highlight. Once students find/arrive at the location, the teacher may commence discussion. Repeat in other areas of the simulation as desired to build understanding.

## Homework/Review

Students may also access the program outside the classroom to supplement textbook questions

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## Functional Notes

1. The program is available on multiple platforms
2. If using the program online, please ensure the Unity3D Player is installed on the computer; through the Internet Explorer Browser; download the latest at <https://unity3d.com/webplayer>.
3. If you see something in **red** you can probably click on it
4. For ease of use you can go through most 3D objects, and even the ground
5. The school library can request and access programs (free) at [www.sunrisevr.com](http://www.sunrisevr.com) for off-line use via PC and Mac if there is no internet connection