

VIRTUAL REALITY (AND VIRTUAL) OCEAN TOURS

AGES

Teens/tweens

PROGRAM DESCRIPTION

Not able to take a real dive in the ocean? Host a virtual reality diving adventure to get up close to shipwrecks, coral reefs, and marine life! Optionally, screen virtual tours without the VR components. YouTube has many virtual (and virtual reality) ocean tours from all over the world. This short program is a great one to combine with any simple craft or trivia game. You could also make it a party with ocean-themed snacks. Suggested runtime: 30 min.



Image source: Shutterstock

MATERIALS AND PREPARATION

Materials:

- Virtual reality headset, such as Oculus, PlayStation VR, a VR Headset for cellphones, or Google Cardboard
- Sanitizing wipes or spray if headsets will be shared
- Laptop/projector (for non-VR tours)
- Audience chairs
- Tables and chairs (if participants will assemble Google Cardboards)

UNIQUE SPACE AND/OR PERSONNEL NEEDS

Solo-librarian friendly.

ADAPTATION:

Create a weekly culture exploration series, and take a deep dive off a new coast every week!

TIP:

Google Cardboard is the least expensive VR option, at around \$10/kit with bulk education discounts. Teens can assemble the kit as part of the program.

GAME/ACTIVITY

RESOURCES**Web**

Google Cardboard: <https://bit.ly/3oWv8BN>

Titanic wreckage video from MBTubes: <https://bit.ly/2QVFiG2>

HMNZS Canterbury wreckage video from Xlvisuals Limited:
<https://bit.ly/2TiDgR7>

MS Mikhail Lermontov wreckage video from Xlvisuals Limited:
<https://bit.ly/3bXKjFf>

Shipwrecks in the Red Sea from Ilovethesea Vr: <https://bit.ly/3vrYEBv>

SS Thistlegorm Shipwreck from *The Thistlegorm Project*:
<https://bit.ly/3vnl8md>

10 best virtual ocean adventures from *The Guardian*: <https://bit.ly/3i24lCq>

“Great Barrier Reef” from David Attenborough:
<https://attenboroughsreef.com/>

Coral reef virtual tour from *360 Virtual Tour*: <https://bit.ly/3vuEdEi>

Shab Claudio shallow tour from *360 Tourist*: <https://bit.ly/2ToNIXt>

Neptune Memorial Reef tour from *Neptune Memorial Reef*:
<https://bit.ly/3ut3HQS>

Underwater cave in Komodo, Indonesia from *Air Pano*:
<https://bit.ly/3foDnml>

List of virtual ocean adventures from *Travel.Earth*: <https://bit.ly/3wDrKy5>

BooksFiction

The Discovery (2003) by Gordon Korman (children’s)

Where the World Ends (2019) by Geraldine McCaughrean (YA)

Deeplight (2020) by Frances Hardinge (YA)

Non-fiction

100 Dives of a Lifetime: The World’s Ultimate Underwater Destinations (2019) by Carrie Miller (YA/adult)

Sylvia Earle: Guardian of the Sea (2000) by Beth Baker (children’s)