



Brevard County Libraries

Summer Reading Program 2022!

In this week's Craft Packet, our theme is Our Blue Planet! Test your knowledge of the ocean with a jeopardy-style trivia game.

Craft Packets contain a list of supplies and instructions. These packets can be picked-up at any branch within Brevard County during the week of the related theme and are available for curbside service.



Connect with us at:

Brevard County Libraries

www.brev.org

Brevard County Libraries on Facebook

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Storytime, STEAM, Craft, and Teen Packets developed by the Youth Services Department

Oceans of Possibility Trivia Game

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Set up:

Participants:

- No more than 3-4 teams.
- No more than 4-6 players per team.
- Teams can be made of:
 - Groups of friends
 - Families and siblings
 - Parents, grandparents, and caregivers are encouraged to join in the fun (especially for the more challenging questions).
- This activity is made for families to participate, as this is a multigenerational activity.

Equipment:

This is the equipment you may need for this activity.

- Cardstock
 - Questions
 - Print question on one half of card and fold over
 - On the other side, print value of clue.
 - Team Names (making it easier for host to call on teams)
 - Manatees
 - Lobsters
 - Pelicans
 - Clams
- Display for questions
 - Large corkboard with nautical décor with question pinned or clipped on.
 - A white board with point values and categories written on it, so that can be marked off once the question is selected.
 - Another creative idea that would be totally cool, dude!
- Score Sheet
 - A sheet with the names of the teams with room for writing the point value will work.
- 3-4 buzzers
 - The buzzer doesn't have to be anything fancy.
 - A bell, a squeaky dog toy, a whoopie cushion, whatever you've got on hand.
- Minimum of two supervisors
 - A minimum of supervisors is strongly recommended.
 - One supervisor acts as host and reads the questions.
 - One supervisor keeps track of the score.
 - Both may be needed to see which team rang in first, among other things.

Pre-game:

- Organize your teams
 - We recommend starting this a minimum of a week before the activity.
- May need to have multiple sessions, running approximately 30 minutes.
- Set up the board, a podium, and a score keeping area.
- Set up three to four tables for each team, with a buzzer or ringing device.

Rules of Play:

When the teams are ready to play, each team needs to pick a captain to answer the questions.

The first team to the left of the “host” picks the first category and a dollar amount. (For example, “Ocean Conservation for 20 Points, please”.)

The host selects the appropriate card and then reads the question.

Once the answer is read, and not before, the captain for each team may ring in using the signaling device.

If the player hits the buzzer before the question is finished being read, the team will be disqualified from answering the question.

The first team to ring in successfully must respond in the form of a question. (i.e.: What is a tsunami? Who was Jacques Cousteau?)

A correct response earns the value of the clue and the opportunity to select the next clue from the board.

An incorrect response or a failure to ring in within 10 seconds deducts the value of the clue from the team’s score and gives any remaining opponent(s) the opportunity to ring in and respond.

If none of the teams give a correct response, the host reads the correct response and the contestant who has most recently given a correct response to a previous answer chooses the next answer.

The game ends when all clues are read. The points are tallied for each team and a winner declared.

(Source adapted from: How to play Jeopardy. (2014). Rutgers.edu.
<https://tag.rutgers.edu/wp-content/uploads/2014/05/Jeopardy-instructions.pdf>)

Point Value:

There are six categories with five questions each. The questions get progressively harder the greater the point value:

- 20: easy
- 40: easy
- 60: medium

- 80: medium
- 100: hard

If you are unfamiliar with *Jeopardy!*, please take some time to view an episode or check out Jeopardy!'s YouTube Page (<https://www.youtube.com/channel/UCnxxhf9PSA3VJ4Q80pWJoow>) to become familiar with the game play.

Trivia Questions and Answers

Ocean Tides and Weather

20 Points

Q: What object in Outer space is mainly responsible for the Earth's tides?

A: What is the Moon?

40 Points

Q: In one day, how many ocean tides are there?

A: What are four? What is two high and two low?

60 Points

Q: A rip current is [define]; if you are caught in one, how do you escape?

A: What is by swimming parallel to the shore instead of towards it?

80 Points

Q: Name three natural occurrences that affect water levels.

A: What is Rain? What are Hurricanes? What are tides?

100 Points

Q: What astrologer, astronomer, and mathematician suggested that the moon was responsible for tides in 1609?

A: Who is Johannes Kepler?

Ocean Creatures

20 Points

Q: What is the largest fish in the world?

A: What is a whale shark?

40 Points

Q: How many hearts does an octopus have?

A: What is three hearts?

60 Points

Q: What fish is immune to the anemone's tentacles stinging cells called nematocysts?

A: What is a clown fish?

80 Points

Q: At 188 decibels, the call of what animal is the loudest sound made by any animal on the planet?

A: What is the blue whale?

100 Points

Q: What creatures have no head, mouth, eyes, feelers, bones, heart, lungs, or brain, yet they are alive?

A: What is a sea sponge?

Ocean Mythology

20 Points

Q: Explorers to the Caribbean often mistook these creatures for mermaids.

A: What are manatees?

40 Points

Q: The Hawaiian volcanic deity, embodied by the lava and natural forces associated with volcanic eruptions, is known as this.

A: What is Pele?

60 Points

Q: The myth of the city of Atlantis is thought to have been created by this philosopher over 2,000 years ago.

A: Who is Plato?

80 Points

Q: In Percy Jackson and the Lightning Thief, Percy is the son of the Greek god of the sea; what is the name of the Roman god of the sea?

A: What is Neptune? (trick-ish question, as Poseidon is Greek)

100 Points

Q: Stories of mysterious disappearances happen in this oceanic location, just over 600 miles south east of Melbourne, FL.

A: What is the Bermuda Triangle?

Oceans in the Movies

20 Points

Q: Released in 2016, the film *Moana* claims to represent this type of culture.

A: What is Polynesian?

40 Points

Q: The main characters from this Disney film live on the Great Barrier Reef, near Australia.

A: What is *Finding Nemo*?

60 Points

Q: There is a cursed treasure on the mysterious Isle de Muerta in this swashbuckling film.

A: What is *Pirates of the Caribbean: The Curse of the Black Pearl*?

80 Points

Q: Stories of this mythical, underwater city, most recently portrayed in *Aquaman*, date back thousands of years.

A: What is Atlantis?

100 Points

Q: The animatronic shark from this 1975 movie was affectionately named "Bruce," by director Steven Spielberg, until it stopped working.

A: What is *Jaws*?

Oceanology

20 Points

Q: National Geographic defines this term as the salt water that covers almost three-quarters of the earth's surface.

A: What is ocean? What are oceans?

40 Points

Q: This ocean is the third-largest in the world and makes up approximately 20% of the Earth's water surface.

A: What is the Indian Ocean?

60 Points

Q: At nearly seven miles below sea level in the Pacific Ocean, this is known as the deepest part of the ocean.

A: What is the Mariana Trench?

80 Points

Q: In January 2022, a volcano in what ocean erupted?

A: What is the southwest Pacific Ocean?

100 Points

Q: How long does it take to cross the Atlantic Ocean by taking a modern cruise ship?

A: What is a week?

Alternate question/answer:

How long . . . by plane? (8hrs)

How long . . . in the 1700's by boat? (2 months or more)

How long . . . in a sailboat? (3-4 weeks)

Ocean Conservation

The questions in this category are True or False.

20 Points

Q: Pesticides, oil spills, plastic, and noise pollution are all damaging to the ocean and its ecosystems.

A: What is true? (Over half of the pollution found in the ocean originated on land.)

40 Points

Q: I don't live near the ocean, so I don't need to worry about taking care of it.

A: What is false? (Even if you don't live near an ocean, streams and rivers can carry pollutants down to the ocean.)

60 Points

Q: There is more plastic in the ocean than fish.

A: What is true? (There is an estimated 18 billion pounds of plastic in the ocean.)

80 Points

Q: Plastic straws make up less than one-percent of ocean pollution.

A: What is True? (They make up 0.03%)

100 Points

Q: The Indian River Lagoon, which connects to the Atlantic Ocean via the Sebastian Inlet and four other locations, has not been affected by Brevard County's population growth.

A: What is False? (The damage to the IRL has resulted from ignorance of the impacts our activities have on the estuaries. Florida's estuaries are being severely damaged by human actions.)

Work Referenced:

Rules of Play:

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