GAME MANUAL

GAME ELEMENTS:

- Game board
- Four game figures (please take from another game)
- 2x 100 question cards (analoge & digital)

Game board
The game board can be printed out yourself (A3 is recommended, but A4 is also possible).

Digital Cards
The "digital" cards are an optional game element. To use them, you need a QR code reader app.

However, most current mobile phones already natively support the reading of QR codes. Simply open the camera app on your phone and hold the phone over the QR code!

Players:
Two, three or four players - note the different rules depending on the number of players.

Game Goal:
Become a real marine professional and reach the finish line first!

Game Start:

All players place their piece on top of the first square (dark grey) to start.

Game End:

The player who reaches the goal (yellow field) first wins.

Game Rounds:

– *2 Players*

The older player starts as. After that, the game is played alternately.

The respondent moves one space for each correct answer.

If the respondent hits a special field (QR code), a digital card/question is drawn. For "digital" questions, the questioner TAKES control of the PC/MAC/Smartphone/Tablet PC. As with "offline" questions, whoever calls out the name first gets to answer the question.

After answering the question correctly, the player can ADVANCE one space and the respondent becomes the questioner.

– *3 Players*

If there are three players, the oldest starts as the questioner. After that, the game continues in a clockwise direction.

The question is to be read out in full, after which the interviewees say their first names. The player who says the name first is allowed to answer the question. If the answer is correct, the player moves one space forward. The next player takes over the role of the questioner.

If a respondent calls out the name while the question is still being read out, he/she may answer the question, but if he/she answers incorrectly, he/she must move one box BACK..

If a player reaches the special field "QR Code", he/she is asked an extra question. If the answer is correct, he/she may move one extra space.

In contrast to the "offline" question, if the question is answered incorrectly, the second respondent has the opportunity to answer. If there is no correct answer here either, the questioner may answer the question as a third option.

– *4 Players*

This mode is analogous to the three-player mode, except that one player is the questioner and three players have the chance to give the correct answer.

Correct Answer:

Single Choice: Only one answer is correct.

Age:

Recommended from 8 years

Credits:

The idea and implementation came from Picapipe GmbH.

The project is funded by Erasmus+.

Card 1

Earthquakes under the sea or even volcanic eruptions can create waves that become bigger and bigger the closer they get to the coast. What is the Japanese word for these high crests of waves?

a.) **Tsunami**

b.) Feng Shui

c.) Sushi

d.) Wavinator

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Card 2

Penguins belong to the group of seabirds. They cannot fly, but they can swim really well. Where on earth do penguins live in their natural environment?

a.) The Arctic

b.) **The Antarctic**

c.) Iceland

d.) Greenland

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Card 3

Which of these animals belongs to the genus fish?

a.) Crabs

b.) **Seahorses**

c.) Sea Urchins

d.) Sea Birds

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Card 4

How many tentacles have octopuses?

a.) 4

b.) 6

c.) **8**

d.) 10

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Card 5

In 1519 a ship sets sail, whose crew will sail around the world for the first time. Which of these famous gentlemen was on board?

a.) **Ferdinand Magellan**

b.) James Cook

c.) Richard Blake

d.) Christoph Columbus

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Card 6

Which of the animals living in the sea consist of almost 99 percent water?

a.) Clownfish

b.) Octopuses

c.) **Jellyfish**

d.) Panta Rays

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Card 7

How do fish breathe?

a.) Through the mouth

b.) **Through the gills**

c.) Through the eyes

d.) Not at all

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Card 8

Underwater, countless species of animals and plants can be found - such as flowering animals. What do you think belongs to this type of animal?

a.) **Corals**

b.) Algae

c.) Mussels

d.) Sea Weed

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print cards **1**

Card 1

If you are looking for the largest animal on earth, you should look in the sea. Which is the biggest one?

a.) Sharks
b.) Dolphins
c.) **Blue Whales**
d.) Great White Shark

Card 2

If a ship is in distress, it sends an emergency call by radio. What is it?

a.) Help
b.) **Mayday**
c.) Rescue
d.) Distress

Card 3

A cruise on the sea is a great thing - especially with the largest passenger ship in the world, the...

a.) Queen Mary
b.) Queen Mary 2
c.) Titanic
d.) **Freedom of the Seas**

Card 4

On which seas can you spend your holiday in Germany?

a.) North Sea and South Sea
b.) Baltic Sea and Atlantic Ocean
c.) **North Sea and Baltic Sea**
d.) North Sea and Atlantic Ocean

Card 5

Which birds do you see most often at the sea?

a.) Pigeons
b.) Ravens
c.) **Gulls**
d.) Crows

Card 6

What influences the ebb and flow?

a.) **The Moon**
b.) Mars
c.) The Sun
d.) Earth Rotation

Card 7

Which of these sea creatures is a mammal?

a.) Herring
b.) **Whale**
c.) Jellyfish
d.) Starfish

Card 8

What is the chemical name for water?

a.) **H20**
b.) O3
c.) FE
d.) KA

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What does not exist?

a.) Freshwater Lakes

b.) Saltwater Lakes

c.) **Table Water Lakes**

d.) Inland Lake

The water consumption seen worldwide: What is the most important use of water worldwide?

a.) For Households

b.) **For Agriculture**

c.) For the Industry

d.) For Tourism

How many people do not currently have access to enough clean water?

a.) Every third Person

b.) **Every fith Person**

c.) Every tenth Person

d.) Every twentieth person

How many people will not have sufficient access to fresh water in 2025 if the population and water consumption continue to rise as before?

a.) One in a hundred People

b.) **One in four People**

c.) Two out of three People

d.) Three out of four People

An indoor swimming pool uses a large amount of fresh water. How much fresh water is used on average?

a.) 186 liters per Person

b.) 162 liters per Person

c.) **404 liters per Person**

d.) 50 liters per Person

Which sensory organs are not directly addressed by water?

a.) Ear

b.) **Nose**

c.) Sense of Touch

d.) Eyes

Which is the highest waterfall on earth?

a.) Niagara Falls in the USA

b.) Tugela Waterfalls in South Africa

c.) **The Salto del Angel in Venezuela**

d.) The Rhine Falls in Schaffhausen

How much of the earth's water can be used as drinking water?

a.) 50%

b.) 10%

c.) **0,005%**

d.) 0,3

Who declared 2003 the International Year of Freshwater?

a.) BMLFUW
b.) **UNO**
c.) WWF
d.) WTO

What percentage of the surface area is covered by water?

a.) **85%**
b.) 30%
c.) 55%
d.) 71%

Where is the largest natural coral reef?

a.) Northern Territory
b.) **Queensland**
c.) Western Australia
d.) New South Wales

What was the name of the primordial sea that surrounded the continent of Pangaea?

a.) Archaeopteryx
b.) Styx
c.) **Tethys**
d.) Mirabis

What percentage of global warming have the oceans so far absorbed?

a.) **80%**
b.) 30%
c.) 70%
d.) 10%

What's the name of the deepest marine trench?

a.) Fiji Trench
b.) Japan Trench
c.) **Mariana Trench**
d.) Tonga Trench

Which of the following pirates is associated with Johnny Depp?

a.) Francis Drake
b.) **Jack Sparrow**
c.) Guybrush Threepwood
d.) Blackbeard

Which waterfall really exists?

a.) **The Blood Falls**
b.) The White Falls
c.) The Blue Falls
d.) The Brown Falls

print cards **4**

Card 1

Where is the spacecraft cemetary located?

a.) **In the Pacific Ocean**
b.) In the Atlantic Ocean
c.) In the North Sea
d.) In The South Sea

Card 2

Why did Old Petrolandia sink?

a.) Rising Sea Levels
b.) Glacier Loss
c.) Heavy Rainfall
d.) **Artificial Flooding**

Card 3

Which culture built the ancient sunken city of Herakleion?

a.) The Egygts
b.) **The Greeks**
c.) Western Australia
d.) New South Wales

Card 4

What is Vulcan Point?

a.) **An Island in a Sea on an Island in a Sea on an Island**
b.) A cluster of volcanoes
c.) Just hot lava
d.) The hottest spot in a Vulcano

Card 5

How old can a greenland wale get?

a.) 50 years
b.) 20 years
c.) 80 years
d.) **Up to 200 years**

Card 6

Where is the first underwater art museum?

a.) **In Lanzarote**
b.) In Split
c.) In Madrid
d.) In Flensburg

Card 7

How do herrings communicate?

a.) Through buggles
b.) **By farting**
c.) By swimming in circles
d.) Through their eyes

Card 8

Which waterfall really exists?

a.) **The Blood Falls**
b.) The White Falls
c.) The Blue Falls
d.) The Brown Falls

What is the Maracaibo-See famous for?

a.) Its clear water
b.) Its icy surface
c.) Its color
d.) **Its thunderstorms**

How many jellyfish live in Eil Malk in Palau?

a.) Thousands
b.) **Millions**
c.) Trillions
d.) Billions

Which beach is home to a pinguin colony?

a.) **Boulder Beach**
b.) Malibu Beach
c.) Costa del Sol
d.) Bondi Beach

Which of the following glaciers is the biggest?

a.) Perito-Moreno Glacier
b.) Vatnajökull Glacier
c.) Franz Josef Glacier
d.) **Lambert Glacier**

How many kilometres do salmon migrate upstream?

a.) **Up to 4000 kilometers**
b.) Up to 1000 kilometers
c.) Up to 5000 kilometers
d.) Up to 50 kilometers

Which of the following pirate captains is the main character of the game Monkey Island?

a.) Francis Drake
b.) Jack Sparrow
c.) **Guybrush Threepwood**
d.) Blackbeard

Where is the world's first underwater sculpture park?

a.) Lanzarote
b.) **Moliniere Bay**
c.) Grand Cayman
d.) Cancun

What do we all live in, according to a well-known Beatles song?

a.) **In a yellow submarine**
b.) In a blue airplane
c.) In a white camper
d.) In a colourful house

Card 1

What is the salt concentration in the Dead Sea?

a.) **28%**

b.) 3,5%

c.) 99,7%

d.) 50%

Card 2

Which animal species does the seahorse belong to?

a.) **Fish**

b.) Mammals

c.) Insects

d.) Horses

Card 3

What is a term for a female fish?

a.) Female fish

b.) Fishbow

c.) Fish

d.) **The Rogner**

Card 4

Why can seawater be liquid at a temperature below 0° Celsius?

a.) **Due to the salt concentration**

b.) Due to solar radiation

c.) Due to the movement of fish swarms

d.) Due to tides

Card 5

What is usually referred to as deep sea?

a.) Deep sweet water seas

b.) **Completely dark areas of the sea**

c.) The deepest point of the sea

d.) Fishless waters

Card 6

What percentage of water does a jellyfish consist of?

a.) 100%

b.) 22% - 27%

c.) **98 % - 99 %**

d.) 50 % - 55 %

Card 7

Which transport mode is the most unreliable?

a.) **Bottle Post**

b.) The Maltese Post

c.) The Austrian Post

d.) Amazonas Prime

Card 8

According to Greek mythology, who is the god of the sea?

a.) **Poseidon**

b.) Ares

c.) Iris

d.) Prometheus

Card 1

What percentage of the surface area is covered by the sea?

a.) 50%

b.) 67%

c.) **70%**

d.) 30

Card 2

What is the colloquial term for oceans

a.) Eight seas

b.) **Seven seas**

c.) Big sea

d.) Salty sea

Card 3

What is the percentage of the oceans in realtion to the water coverage of the entire planet?

a.) **97%**

b.) 85%

c.) 72%

d.) 99%

Card 4

Which ocean is the largest?

a.) **Pacific Ocean**

b.) Indian Ocean

c.) Atlantic Sea

d.) Arctic Ocean

Card 5

Which ocean contains the most volcanic vents, seamounts and deep trenches?

a.) **Pacific Ocean**

b.) Indian Ocean

c.) Atlantic Sea

d.) Arctic Ocean

Card 6

In which direction does ocean water move?

a.) From north to south

b.) From south to north

c.) **In circular patterns called gyres**

d.) From west to east and back again

Card 7

What kind of water is more dense?

a.) Equator - hot water

b.) **Polar - cold water**

c.) Water near the shore

d.) Deep sea water

Card 8

What are basalts?

a.) **Volcanic rocks on the ocean floor**

b.) Volcanic eruptions under the water

c.) Volcanic ash found in the ocean

d.) Small stones on the beach

What are the main categories of sea life?

a.) Swimmers and non-swimmers

b.) **Swimmers, floaters and creatures on the sea floor**

c.) Fish, mammals and microscopic creatures

d.) Humans and animals

What are phytoplankton?

a.) A larger version of plankton

b.) **Microscopic algae**

c.) Organisms that eat plankton

d.) Pokémon

What sea life is at the very bottom of the food chain?

a.) Plankton

b.) **Phytoplankton**

c.) Microscopic fish

d.) Small worms

Which of these ocean animals sleeps with one eye open and half their brain alert to keep vigilant for ocean threats?

a.) **Dolphin**

b.) Sea otter

c.) Sharks

d.) Nemo

How many hearts does an octopus have?

a.) 1

b.) 2

c.) **3**

d.) 4

The call of which of the following sea animals is the loudest on this planet?

a.) Dolphin

b.) **Blue Whale**

c.) Mana Tee

d.) White Shark

About how many standard electric bulbs is an electric eel able to power?

a.) 2

b.) **10**

c.) 25

d.) 55

What amazing thing can oysters do?

a.) Move quickly

b.) Shoot poison

c.) Survive hot temperatures

d.) **Change gender**

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Where is a shrimp's heart located?

a.) Head
b.) **Body**
c.) Feelers
d.) A shrip has no heart

What mysterious geometric structure is said to have made planes and ships disappear there?

a.) **Bermuda Triangle**
b.) Atlantic Rectangle
c.) Blue Hole
d.) Pacific Rim

What is another name for the Bermuda Triangle, which is said to make ships and planes disappear?

a.) Pacific Rim
b.) Atlantic Rectangle
c.) Blue Hole
d.) **Devil's Triangle**

What kind of fish is the coral fish Nemo, from the famous movie finding nemo?

a.) Color Fish
b.) **Clown Fish**
c.) Trick Fish
d.) Orange Fish

Which species of fish is the forgetful Dorie, known from the films Finding Nemo and Finding Dorie?

a.) Nurse Fish
b.) **Doctor Fish**
c.) Patient Fish
d.) Ambulance Fish

What did the RMS Titanic hit?

a.) A rock
b.) **An iceberg**
c.) Another ship
d.) Nothing

Where did the RMS Titanic sink?

a.) South Atlantic Ocean
b.) North Pacific Ocean
c.) Indian Ocean
d.) **North Atlantic Ocean**

With which device can you detect a diving submarines?

a.) A Mobile Phone
b.) A Camera
c.) **A Sonar System**
d.) A telescope arm

Card 1

What is a titan triggerfish often doing, which seems different from other fish found in lagoons and reefs?

a.) **It appears „upside down"**

b.) It is dancing

c.) It is really fast

d.) It loves snorklers

Card 2

What do you often call sportive diving without oxygen bottle?

a.) Fun diving

b.) Speed diving

c.) **Free diving**

d.) Soul diving

Card 3

The Austrian Herbert Nitsch holds the world record in deep diving. How deep did he go?

a.) Around 50 meters deep

b.) Around 100 meters deep

c.) Around 200 meters

d.) **Around 250 meters**

Card 4

The Great Pacific garbage patch, also described as the Pacific trash vortex, is a gyre of marine debris. How large is it?

a.) 20 sqare meters

b.) 100 sqare kilometers

c.) **1.6 million square kilometers**

d.) 1 trillion sqare kilometers

Card 5

The Great Pacific garbage patch, is a gyre of marine debris. How heavy is the garbage in this garbage accumulation?

a.) **87,000 metric tons**

b.) 1 metric ton

c.) 500 kilos

d.) 10,000 metric tons

Card 6

Salinity is a measure of the amount of salt in the water. Which of the following four has the highest?

a.) **Red Sea**

b.) Baltic Sea

c.) Black Sea

d.) Beaufort Sea

Card 7

Where is the Barents Sea located?

a.) Around Japan

b.) Next to Alaska

c.) **Off the northern coasts of Norway and Russia**

d.) Between Malta and Sicily

Card 8

How do you call the sea around beautiful Malta?

a.) **Mediterranean Sea**

b.) Sea in the Middle

c.) Centered Sea

d.) Pastizzi Sea

Where is the Hudson Bay located?

a.) Malta
b.) Germany
c.) Mexico
d.) **Canada**

What is so special about the Bering Strait

a.) It seperates Malta from Sicily
b.) **It seperates Alaska from Russia**
c.) It seperates Germany from Denmark
d.) It seperates China from Japan

What is the name of the worlds largest coral reef?

a.) The Large Wall Reef
b.) The Maximum Stones Reef
c.) **The Great Barrier Reef**
d.) The Amazing Power Reef

Where is Bora Bora located?

a.) **French Polynesia**
b.) Dutch Polynesia
c.) French Baquette
d.) German Islands

Which ocean are the canary islands in?

a.) Pacific Ocean
b.) Indian Ocean
c.) **Atlantic Ocean**
d.) Arctic Ocean

Which man-made waterway is connecting the Mediterranean Sea to the Indian Ocean via the Red Sea?

a.) **The Suez Canal**
b.) The Maradonna Canal
c.) The Pele Canal
d.) The Messi Canal

What was the the longest dive duration measured by a Blue Whale so far?

a.) 1 min.
b.) **15.2 min.**
c.) 5.3 min.
d.) 1 hour

Which sea animal was Willy from the movie Free Willy?

a.) A Clown Fish
b.) A Doctor Fish
c.) **A Orca**
d.) A Bluewhale

Card 1

What type of animal is a dolphin?

a.) **A Mammal**
b.) A Fish
c.) A Crustacean
d.) A Sponge

Card 2

What was the name of the ship which caused the worst oil spill recorded in 1989 near Alaska?

a.) Titanic
b.) **Exxon Valdez**
c.) NMS Maria Therese
d.) Enterprise

Card 3

Which record „under the sea" is hold by a type of sea horse?

a.) It is the fastest
b.) **It is the slowest**
c.) It is the most colorful
d.) It is the smallest

Card 4

How do you translate fish into latin?

a.) Fischi
b.) Fishonelus
c.) Watariumnis
d.) **Piscis**

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