



Qobo series course

Section 8

The ocean of Earth

Curriculum objectives

Knowledge and skill

1. Learn to use judgment card, know the usage method and function of judgment card;
2. Understand the form reason of ocean, know general knowledge of ocean;

Process and methods

1. Train children's logical thinking by learning to use judgment card;
2. Exercise children's ability of analysing and solving problems by helping Qobo avoid dangerous task;

Emotional attitude and values

1. In the process of knowing ocean, train children's love and curiosity to nature.

Curriculum introduction



Earth just like a translucent blue crystal ball when astronaut who take spacecraft see earth from remote space, and this because earth is full of water.

The vast ocean, which breed lives, covered most part of earth, it also sustain ecology balance of earth.

Curriculum introduction



There must be a lot of arcanum that wait children to explore in such vast ocean clan biogroup.

How did the ocean formed?
How deep is it? What
undiscovered biology do ocean
hav? Why typhoon formed
from ocean? There are a lot of
questions need us to explore.

Curriculum introduction

Children, do you know how do the ocean of earth formed?
Small planets hit earth continually at the moment after earth formed, because lithosphere is thin and the temperature of earth inside is very high, so volcano erupt frequently, the gas, which extrusive from volcano, constitute reducibility gas of earth.



Roboblock



Curriculum introduction



Original earth's surface chill down gradually owing to heat radiating continuously, and continuous thunder and lightning make the water in sky, which originally in the land, condense to raindrop, then fall into land, it formed original ocean after this process sustain many hundred million years.

Curriculum introduction



The ocean provide cradle for naissance of life.

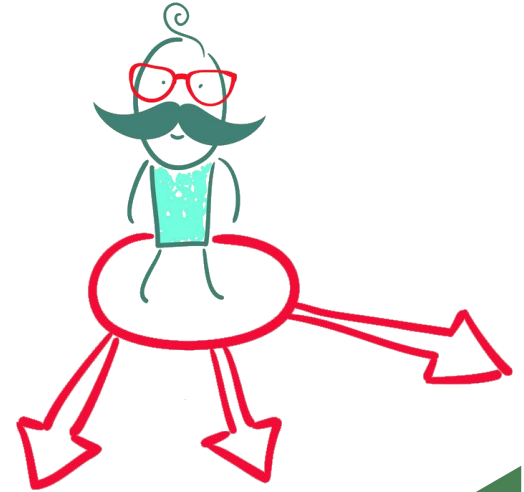
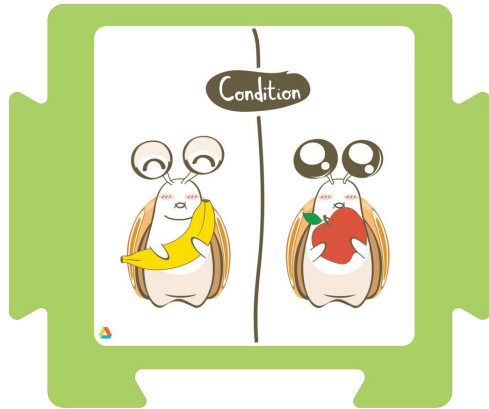
Now the biggest ocean is the Pacific ocean, the Red sea is the most salty sea that although people who cannot swim don't sink when they overlie water.

The deepest place in ocean over the world is Mariana Trench, which has 11034meters deep.

Card explanation

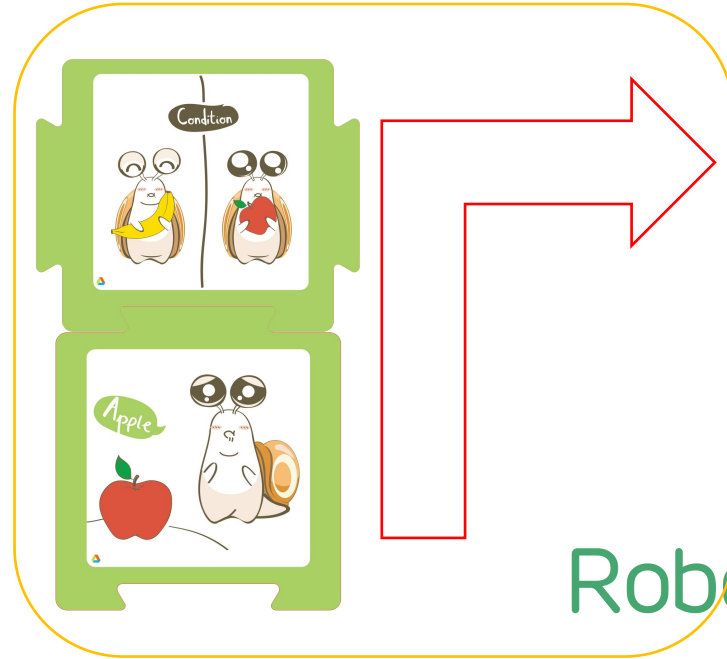
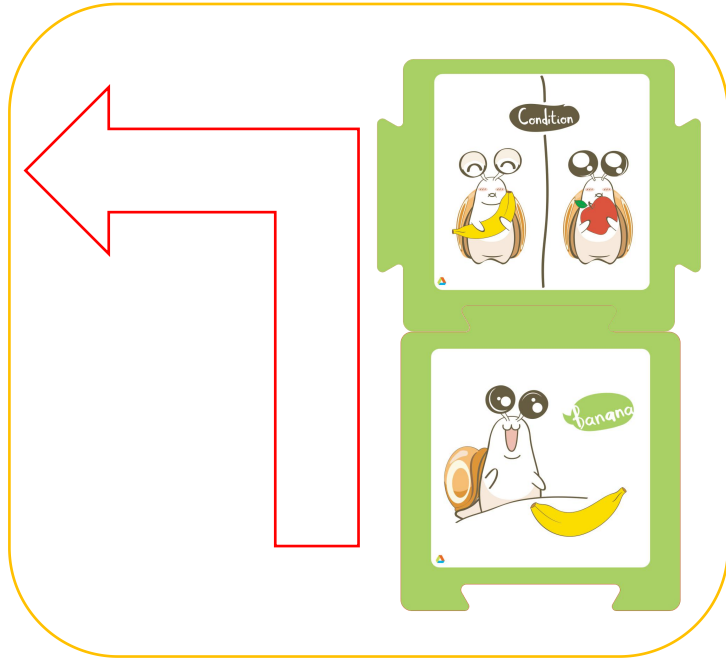
Learn about judgment card:

When Qobo is on the judgment card, if Qobo pick up apple at before, then Qobo will turn right, and move forward one step; if Qobo pick up banana at before, then Qobo will turn left and move forward one step.



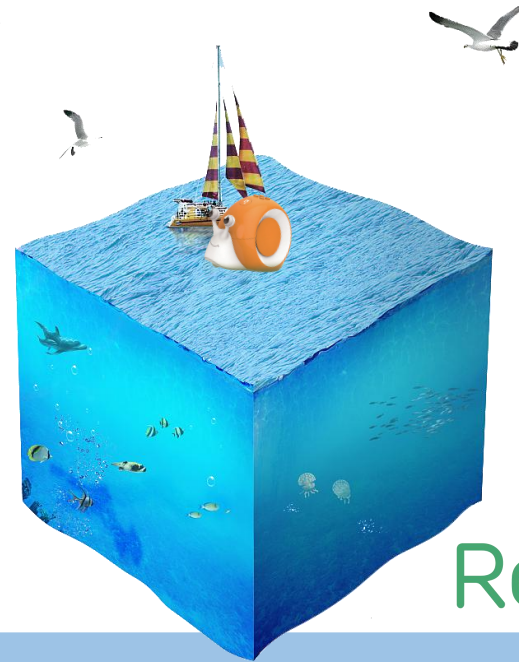
Card explanation

We need to use apple card and banana card before we use judgment card. then Qobo judges turn left or right.

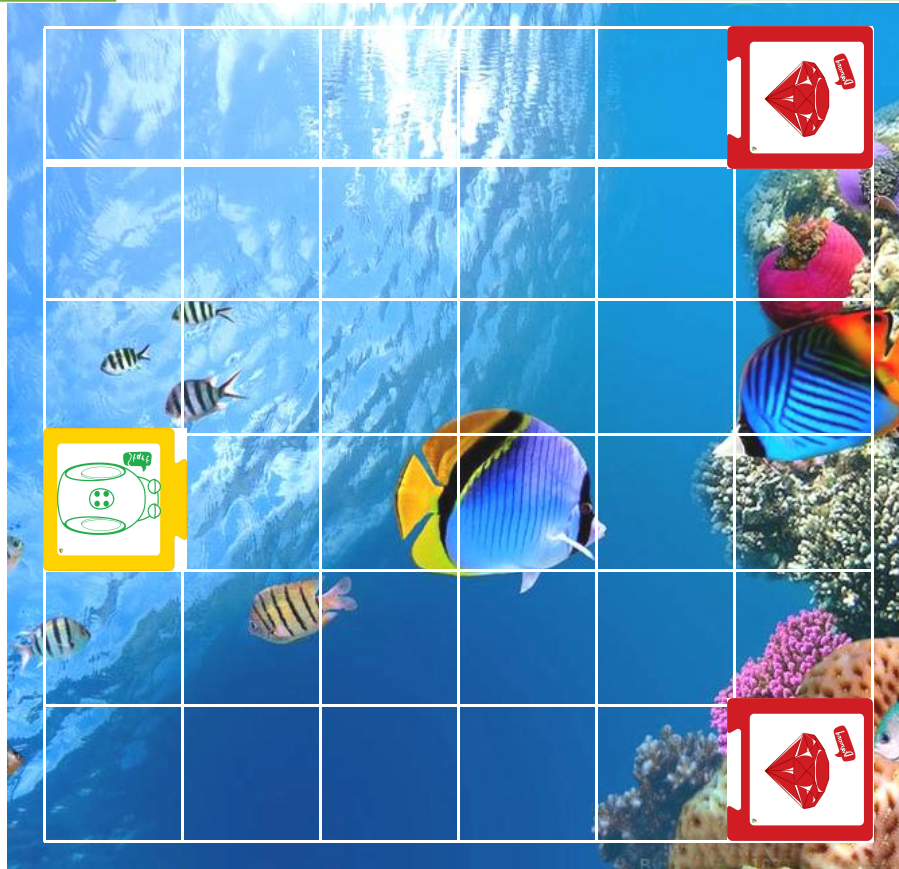


Hands and brains

After finishing space traveling, Qobo take the earth ocean as exploration goal, and explore vast ocean.



Hands and brains



There are Pacific Ocean, Indian Ocean, Atlantic Ocean and Arctic Ocean in the world, the biggest Pacific Ocean and northernmost Arctic Ocean both attract Qobo, so Qobo hesitate that which ocean it go.



Roboblog



Hands and brains



It is easy to lost when navigate in ocean, there is a pitfall in the route of Qobo, that is on the one side of judgment card's two sides is river, it is very dangerous when Qobo meet it, field is true destination, so help Qobo to build complete route quickly to avoid danger of river.

After-class sharing



Children, how the earth ocean formed?
do you know which ocean is the
biggest ocean?

When using judgment card, how to let
Qobo choose left-turning when it is on
the judgment card?



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