



Qobo series course

Section 9

The Furibund Ocean

Curriculum objectives

Knowledge and skill

1. Learn to use random card, know the concept of random card;
2. Understand special weather if ocean, know that there are typhoon, tsunami in ocean

Process and methods

1. Use random card and judgment card synthetically, train children's logical thinking ability;

Emotional attitude and values

1. In the learning process, train children's positive attitude to problems.

Curriculum introduction

The calm and quiet ocean, which just like a docile pet, can bring coolness to hot summer, swimming and sailing both are sports that we like.

One after another sea wave fondle beach, but ocean also can angry.



Roboblog



Curriculum introduction



It is very terrible that ocean is angry, tornado, typhoon and tsunami result in great damage to human and marine organism.

When ocean is angry, for example, it will capsize boat which pass it and influence airplane to fly, and there also are thunder, lightning and downpour.

Curriculum introduction

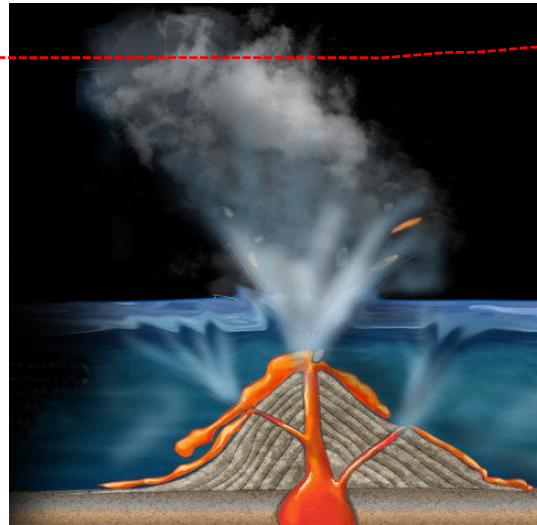
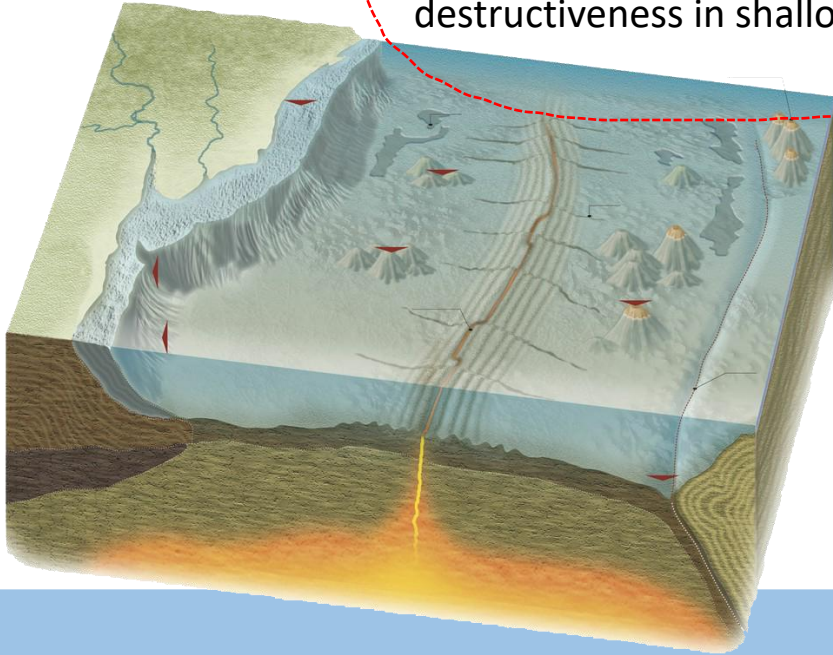


Typhoon (cyclone) and tsunami both have great destructiveness, "water wall" that formed by roaring sea wave can devour whole beach, and destroy everything onshore, result in serious loss to human life and property.

Curriculum introduction

Why there is tsunami?

The reason is that if there is big earthquake in ocean, owing to seabed strata suddenly disrupt, lead to parts of seabed rise or sink at instant, therefore, causes seawater shock acutely. This kind of shock will form giant wave that have great destructiveness in shallow sea and seashore. and then formed tsunami.



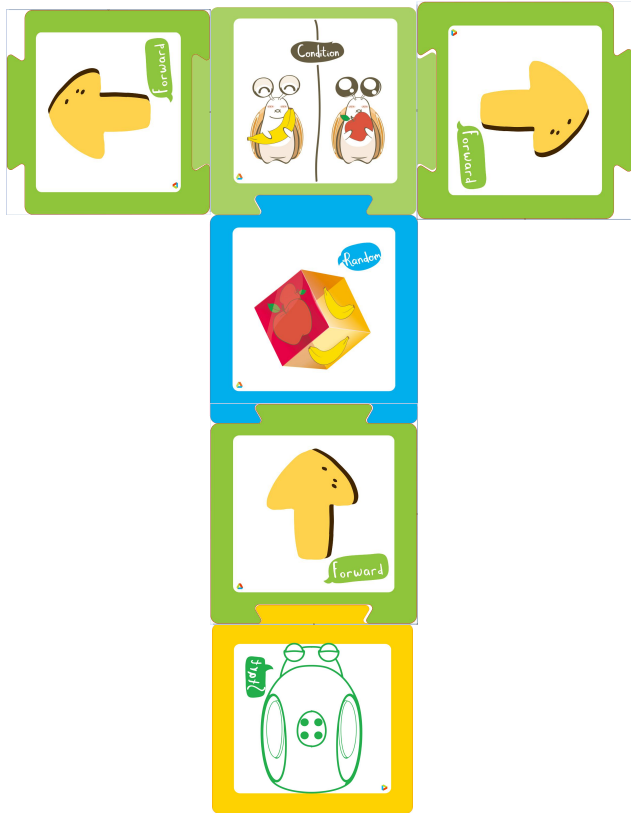
Card explanation



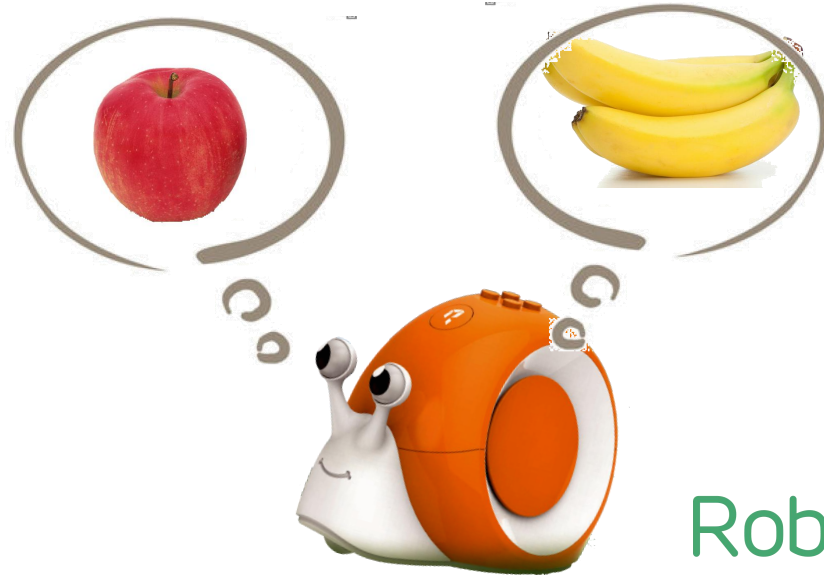
Learn random card:

When Qobo is on the random card, it will obtain banana or apple randomly, then move forward one step. If Qobo obtain apple randomly, it will meet judgment card later and choose turning-right, if Qobo obtain banana randomly, it will meet judgment card and turn left.

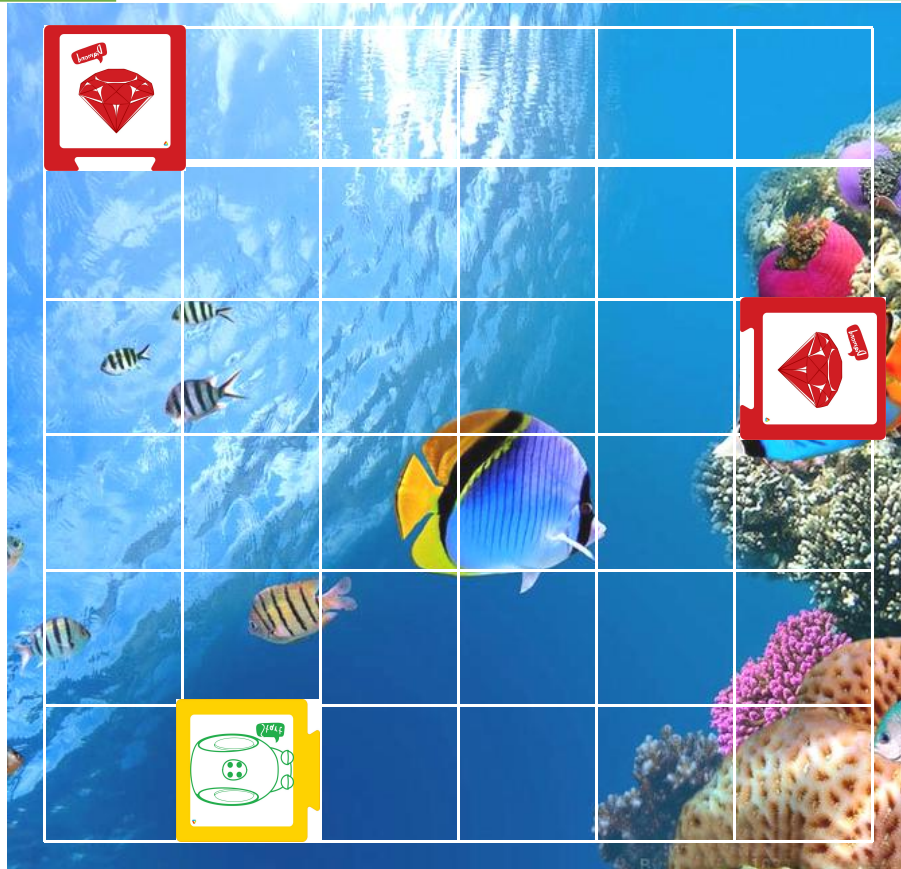
Card explanation



Qobo don't know which fruits it will pickup because random card will pick up apple or banana randomly.,so Qobo also don't know it will turn left or right.

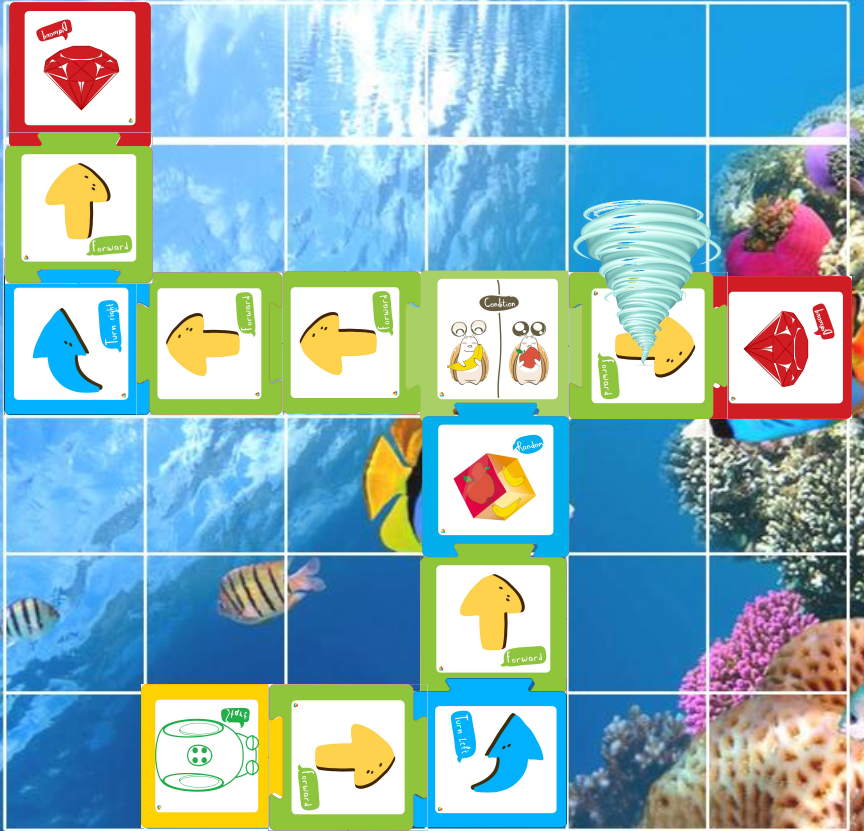


Hands and brains



Qobo is voyaging on the sea, which now is calm, Qobo see farther ocean and another direction island and think azimuth of explanation this time.

Hands and brains



The weather of ocean is vary from minute to minute, Qobo who begin to set off hear a piece of information in broadcasting that nearby sea has formed tornado, which is on Qobo's route.

Children, try it that put your Qobo on the toute, does it meet tornado?



Task challenge

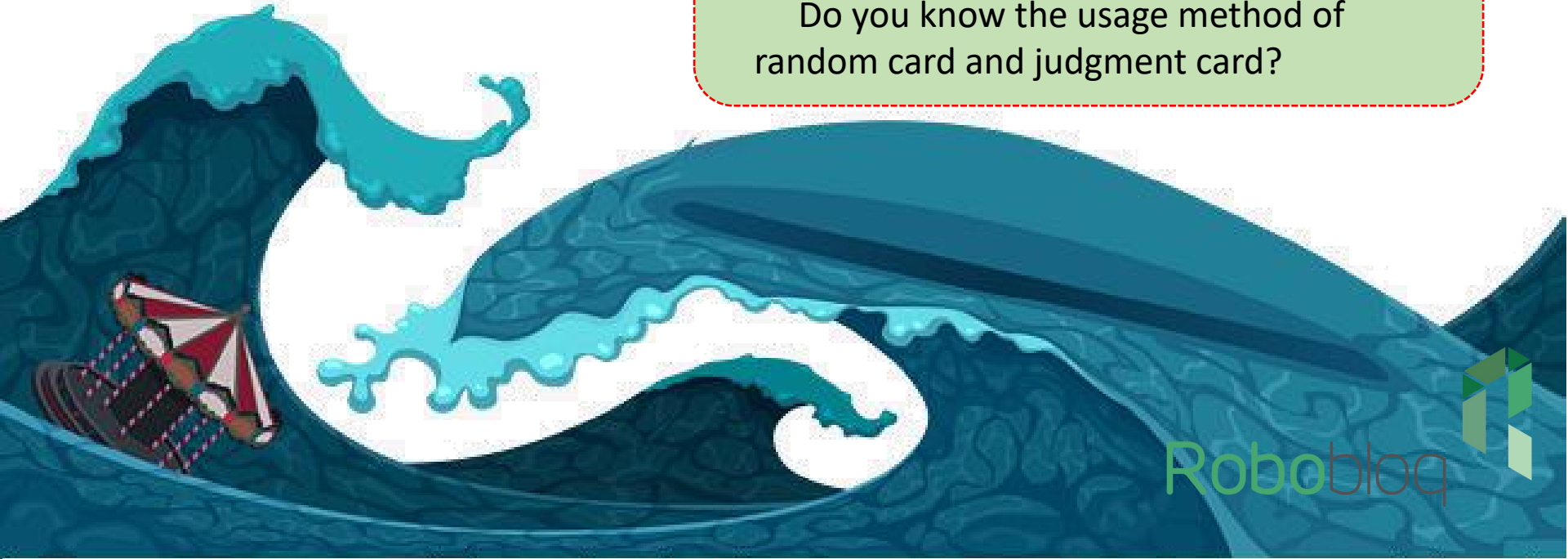


The destructiveness of tornado is very strong. It is too dangerous for Qobo, we need to help Qobo to avoid danger by detouring tornado in the route.

Children, do you have an idea that how to build route?

After-class sharing

Children, finally, does Qobo avoid tornado? how did you help Qobo?
Do you know the usage method of random card and judgment card?



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