

# Rock Pool Game

## Proportions

Begin with 5 times as many plants as Crabs.  
One third the number of fish as Crabs.  
One fifth the number of Sea Gulls as Crabs.

## Rules

A Crab needs 6 plants to survive.  
A Fish needs 3 crabs to survive.  
A Heron needs 2 fish or 1 fish and 2 crabs to survive

## Directions

Students rush about and try to gather the food they need without being eaten. Keep the rounds short about 2 minutes and complete a number of rounds so students can see the pattern developing. It is important to discuss at the end of each round what has happened and draw parallels to the real environment. For example, Jon - a bird, was very quick and he caught 4 fish. Speed is a survival adaptation.

Round	Start	1	2	3	4	5	6
Crab	15						
Fish	5						
Sea Gull	3						

