

PERUVIAN FOOD CHAIN JENGA

- INSTRUCTIONS -

Create a food chain model

- Unpack the blocks and sort them by type of organism.
- Using the food chain diagram on the Guide Sheet, stack the wooden blocks on top of the sun in the Placemat. Do it in order of trophic level, starting with the lowest trophic level on the bottom all the way to the top predator.
- Put the Wild Blocks off to the side. You will use them later if you need to add a species but you don't have a block for it.

Use the model

- Take turns pulling the Event Cards and reading the event.
- Predict what would happen using the stem sentence and without looking inside the envelope. No peeking! Have the other team check your answer.

**If _____ then I
predict that _____
because _____ .**

- Once the prediction is made, you may look at the Event Card insert to see your next move on the Jenga model. If the event on your card decreases the population of a particular species, you will remove a block. If it will cause the population to increase, you will add a block.
- This is not your typical Jenga game! When you remove a block, put it off to the side. When adding a block, make sure to put it in the correct trophic level (for example: mackerel cannot be added to the phytoplankton trophic level).
- Keep playing until the tower collapses.

Collapse of the food chain

- Once your tower falls, put the pieces back in the box and answer the questions in the red card as a group.