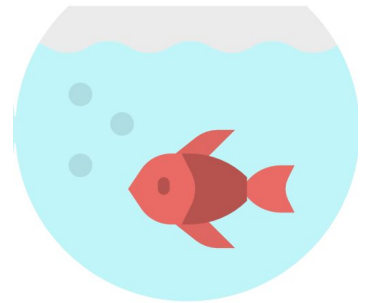SCIENCE CLUB!

WELCOME BACK!

What will we do today?

1. Message from FRESH Org

2. Gallery Walk! (offer feedback)

3. Read comments and revise models (if there is time)

Greetings Scientists!

FRESH Org has some information to share with you, based on a question from Shark Findustries.

Shark Findustries asked, "Are the fish, algae, and oxygen numbers in the simulation real numbers that correspond to numbers in the real ponds?"

FRESH Org response:

"No. The simulation numbers should not be compared to the numbers you have seen from Orange Pond and Blue Pond. The units are different. Just like 2 feet and 2 meters are very different measurements of length. You can measure things like dissolved oxygen and amount of algae in different ways, too. For example, the dissolved oxygen level of "2" or "3" in the simulation is not the same thing as the levels of "2" or "3" in the studies you have seen on the amount of dissolved oxygen in water. They use different units.

3

From the Desk of A.L. Rao

FRESH Org also has responses to your questions regarding the types of fish in the ponds. The Fresh Org scientists found that both ponds have the same species of fish:

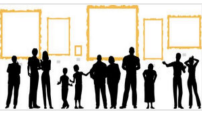1. Bass- 15%
2. Bluegill- 20%
3. Minnows- 45%

Both ponds also had about the same number of fish in them at the beginning of last summer before the fish started dying.

FRESH Org scientists also noted that both ponds have algae in them during all seasons. However, the amount of algae is usually low. The amount of algae can increase dramatically if a large amount of nutrients enters the water. When there are nutrients the algae can bloom (grow and reproduce a lot).

Gallery Walk

- During a gallery walk you will get to view other groups' models.

- You can be helpful by leaving comments on their model.

- This means we can learn and help other each other learn also.

Criteria List

a. **Supported by evidence**

b. Shows all steps in process
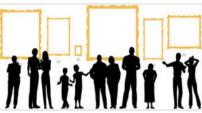
c. Understandable

d. Consistent

Gallery Walk Comments

Let's talk about how to make a good comment.

Which comment is the most helpful?

a)   Your model is awful!
b)   You are missing steps in the process
c)   You are missing a step between algae and algal bloom

How do I make a comment on MEME?

Gallery Walk

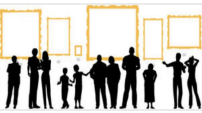
Let's do the gallery walk!

Revising After the Gallery Walk

Go back into your groups…

- Review the comments from the other group
  - Do they make sense?
  - Do you agree with them?

- Make updates to your model based on the comments

Discussion

1. What did you learn from the gallery walk?

2. What comments did you receive from the other group?

3. How did you update your model?

See you next week!