

COLLABORATION CONTRACT

NAME

GROUP MEMBERS



ESSENTIAL QUESTIONS:

- 1.
- 2.
- 3.

TEAM CHALLENGE:

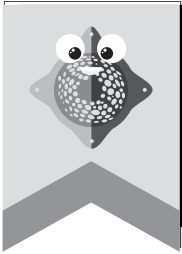
CREATE A GAME ABOUT PHYTOPLANKTON TO TEACH OTHERS ABOUT WHAT THEY LOOK LIKE AND HOW THEY ARE RELATED TO EACH OTHER AND HUMANS.



TEAM ROLES:

Team Roles- Decide who will have what responsibilities.

- **Team Leader Responsibilities:**
Keep team on task. Share and Listen to teammates' ideas. Ask questions to teacher. Help with whatever is needed. Introduce game to class first.
- **Art/Design Director Responsibilities:**
Share and Listen to teammates' game ideas. Make final decision about how game will look. Make visual cards of phytoplankton as needed for game.
- **Researcher Responsibilities:**
Share and Listen to teammates' game ideas. Use the Internet sites and/or handouts to read phytoplankton facts and write down one or two important facts for game.



BRAINSTORM & PROPOSAL FOR PHYTOPLANKTON GAME



TEAM ROLES:

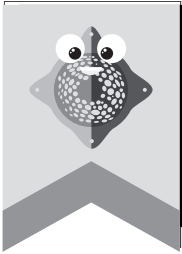
MUST HAVE TEACHER APPROVAL!

- What popular game is your game based from?
- What is the same about your game?
- What will be different about your game?
- How many info cards do you need? All different or pairs?
- What other components or pieces do you need for your game? (Game board? Dice? Etc.)



GAME DESIGN:

Sketch and label what the game will look like:



REFLECTION

NAME

DATE

GROUP MEMBERS



PLEASE EVALUATE ONE OTHER GROUP'S GAME.

Circle the correct answer:

1. Was the game thoroughly explained to you before playing?
Yes Kind-of No
2. Does it make sense?
Yes Kind-of No
3. Did you learn what phytoplankton look like?
Yes Kind-of No
4. Did you learn how phytoplankton are related to each other?
Yes Kind-of No
5. Did you learn why phytoplankton are important to people?
Yes Kind-of No
6. What was your favorite part of the game?



PLEASE EVALUATE YOUR OWN GROUP'S GAME.

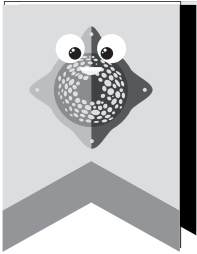
1. What work did you contribute to your group's game?
2. What was easy or fun about this project?
3. What was hard or frustrating about this project?
4. Does your game teach others what phytoplankton look like?
Yes Kind-of No
5. Does your game teach others how phytoplankton are related to each other?
Yes Kind-of No
6. Does your game teach others why phytoplankton are important to humans?
Yes Kind-of No
7. Are you proud of your group's game?
8. What would you change to make it better?



PLEASE ANSWER THE QUESTIONS IN YOUR OWN WORDS.

- WHAT ARE PHYTOPLANKTON?

- WHY ARE PHYTOPLANKTON IMPORTANT TO US?



TEACHER RUBRIC



STUDENT EVALUATION

1. Did the student fulfill team role responsibilities?
1 2 3 4 5
2. Did the student collaborate with group members respectfully?
1 2 3 4 5
3. Did the student seem knowledgeable about game and participate in explaining how it works?
1 2 3 4 5
4. Did the student complete contract and reflection thoughtfully and honestly?
1 2 3 4 5
5. Was the student able to answer the essential questions stated above?
1 2 3 4 5

Comments:

Score: _____ / 25