

“Conceptionary” activity

Materials needed:

- Large piece of paper
- Sets of markers or colored pens for each group
- Stack of Conceptionary cards
- Timer for each group (stopwatch, etc.).

Objective of *Conceptionary*:

Players need to identify a final concept related to ocean sciences based on a teammate’s drawings. The rest of the team guesses the related keywords and, ultimately, the concept.

Game Preparation:

Break into teams of 4-6 players. Each team should have paper and several colored pens or markers.

Game Play:

At the beginning of each team's turn, a card is drawn. The card contains a concept and keywords related to ocean science. For example, one concept is “*Saltwater and freshwater mix in estuaries*”; the keywords in this concept are *saltwater*, *freshwater*, *estuaries*. While the concept is being drawn, if a player on the team guesses one of the keywords correctly, the person drawing is allowed to write down the keyword on the paper for their team’s reference.

Small variations of concept are allowed (e.g., a guess of “*estuaries are where saltwater and freshwater meet*” would be considered correct). The judge/timekeeper will have final determination if the concept has been correctly guessed.

The person chosen to draw has ten seconds to examine and think about their concept and then begins to draw it for their teammates. The person drawing has at most five minutes to get their team to guess the concept. The amount of time to correctly guess each concept will be collected by the judge/timekeeper. For each turn, a different team member should be selected to draw.

While gestures like pointing are allowed, there should be no “acting out” of the concept, it should be illustrated on the paper only. No words (other than correctly guessed keywords), numbers or letters should be used in the drawing (including chemical formulas).

Example Conceptionary clues:

Ocean acidity is increasing because of industrial CO₂

Keywords: acidity, industrial, CO₂ or carbon

Melting ice decreases ocean salinity

Keywords: melting, ice, salinity

Nutrients from fertilizers can cause algal blooms

Keywords: nutrients, fertilizers, algal blooms