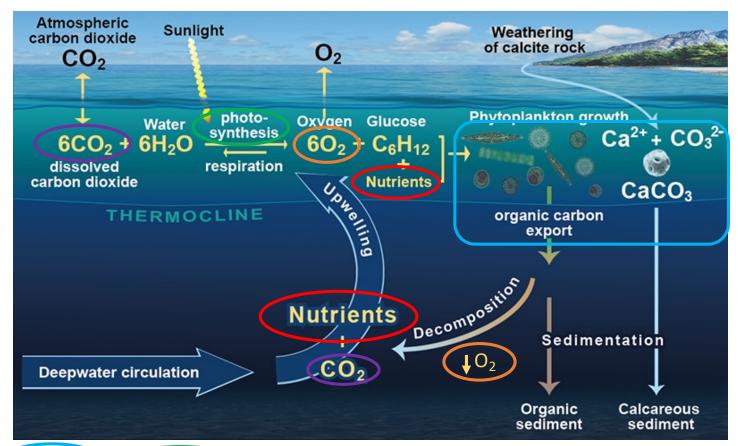
What do floats measure?



Measuring of particles in the ocean can help us understand the transfer of carbon from the surface to the deep

ocean.

Particles:

Chlorophyll: phytoplankton ocean absorbs the amount use chlorophyll CO₂, the pH to capture energy from the sun. Measuring chlorophyll can used to be used to understand phytoplankton CO2 is in the growth.

pH: when the decreases and the ocean acidifies. pH can also be estimate how much dissolved ocean, which is affected by airsea exchange, biology, and ocean circulation and mixing.

NO₂-Nitrate is an essential nutrient for photosynthesis. Nitrate, CO₂, and other nutrients are consumed during photosynthesis, released back to the water column when organisms decompose, and transported by ocean circulation and mixing.

Oxygen in produced during photosynthesis and consumed when organisms are decomposed. Oxygen is also exchanged between the atmosphere and ocean surface. Oxygen is also transported by the ocean circulation and mixing.