

CHESAPEAKE BAY JEOPARDY



Plants and Animals:

10 pts- These bay animals are commonly cooked in Old Bay and are becoming increasingly more expensive as their population dwindles.

Answer: What are blue crabs?

20 pts- This bay animal commonly lives on a reef and it's juveniles are called spat.

Answer: What is an oyster?

30 pts- This bay animal was so overfished that a moratorium was enacted in 1984 to bring it's number back up.

Answer: What is the striped bass (rockfish)?

40 pts- These grasses provide habitat for many Bay animals. Hint: Often abbreviated.

Answer: What is submerged aquatic vegetation (SAV)?

50 pts- This bay animal is very unusual in that the male carries and releases the eggs.

Answer: What is a seahorse?

Watershed:

10 pts- An area of land that is drained by a body of water.

Answer: What is a watershed?

20 pts- These six states make up the Chesapeake Bay Watershed.

Answer: What are New York, Pennsylvania, Delaware, Maryland, Virginia and West Virginia?

30 pts- This is the term describing the process of water flowing across the land into a local stream or waterway.

Answer: What is runoff?

40 pts- When water runs across the land it picks these up from lawns and farms and deposits them into a local waterway. Two examples of these are nitrogen and phosphorous.

Answer: What are nutrients?

50 pts- The size of Chesapeake Bay watershed in square miles.

Answer: What is 64,000?

Water Quality:

10 pts- Salinity is a measurement of this in the water.

Answer: What is salt?

20 pts- In an estuary, such as the Chesapeake Bay, a healthy level of this should be between 7.0-7.5.

Answer: What is pH?

30 pts- Type of bloom caused by too many nutrients in the water.

Answer: What is algae?

40 pts- Like humans, underwater animals need this to survive; it's just worded a little differently.

Answer: What is dissolved oxygen?

50 pts- This is a measurement of how cloudy water is.

Answer: What is turbidity?

Chesapeake Bay Info:

10 pts- This occurs on a shoreline when wind and waves wear away the soil.

Answer: What is erosion?

20 pts- This pigment is found in submerged aquatic vegetation (SAV) that allows photosynthesis to take place.

Answer: What is chlorophyll?

30 pts- Quick changes in this of 1 to 2 degrees will cause stress and shock to many underwater animals.

Answer: What is temperature?

40 pts- An area where fresh and salt water mix. Hint: The Chesapeake Bay is one.

Answer: What is an estuary?

50 pts- An area surrounding a waterway that acts like a big sponge, absorbing nutrients and stabilizing the shoreline. Hint: 2 words

Answer: What is a buffer zone?

