

DAY 1 5TH GRADE SCIENCE



Matter and Mixtures

Performance Indicator: 5.P.2B.4 Construct explanations for how the amount of solute and the solvent determine the concentration of a solution.

Essential Question(s):

What happens to a solution when you increase the amount of solute in a given amount of solvent?

I-Can Statements:

I can explain the cause and effect relationships between the amount of solute and solvent and the concentration of a solution.



**What
are
Solutions?**

Engage Activity

Log into
Discovery
Education, click
on the link below
and watch the
video on solutions.

[Solutions](#)

Engage Activity

Now that you have watched the video on solutions, please consider what questions you still have about solutions. Take this opportunity to write one thing that you learned from the video and one question that you still have. Write your responses below.

I Learned:

I Still Wonder:

Exploration Time

Solutions are a special type of mixture in which one substance is dissolved evenly into another substance.



The substance in a solution that has the greatest amount is the **solvent**. It is usually the liquid.



The substance in a solution that has the least amount is the **solute**. It is usually the solid.



The relationship of the amount of solute to solvent determines the concentration of a solution

Exploration Time

Complete the exploration and the virtual lab below.

[Solutions Activity](#)

[Dessert Virtual Lab](#)

Click on the link underneath the picture and log into your Discovery Education account, and watch the video



[Solutions and Solubility](#)



So What Have I Learned?

Use the space below to write a song, poem, or a rap to show what you have learned about solutions.

