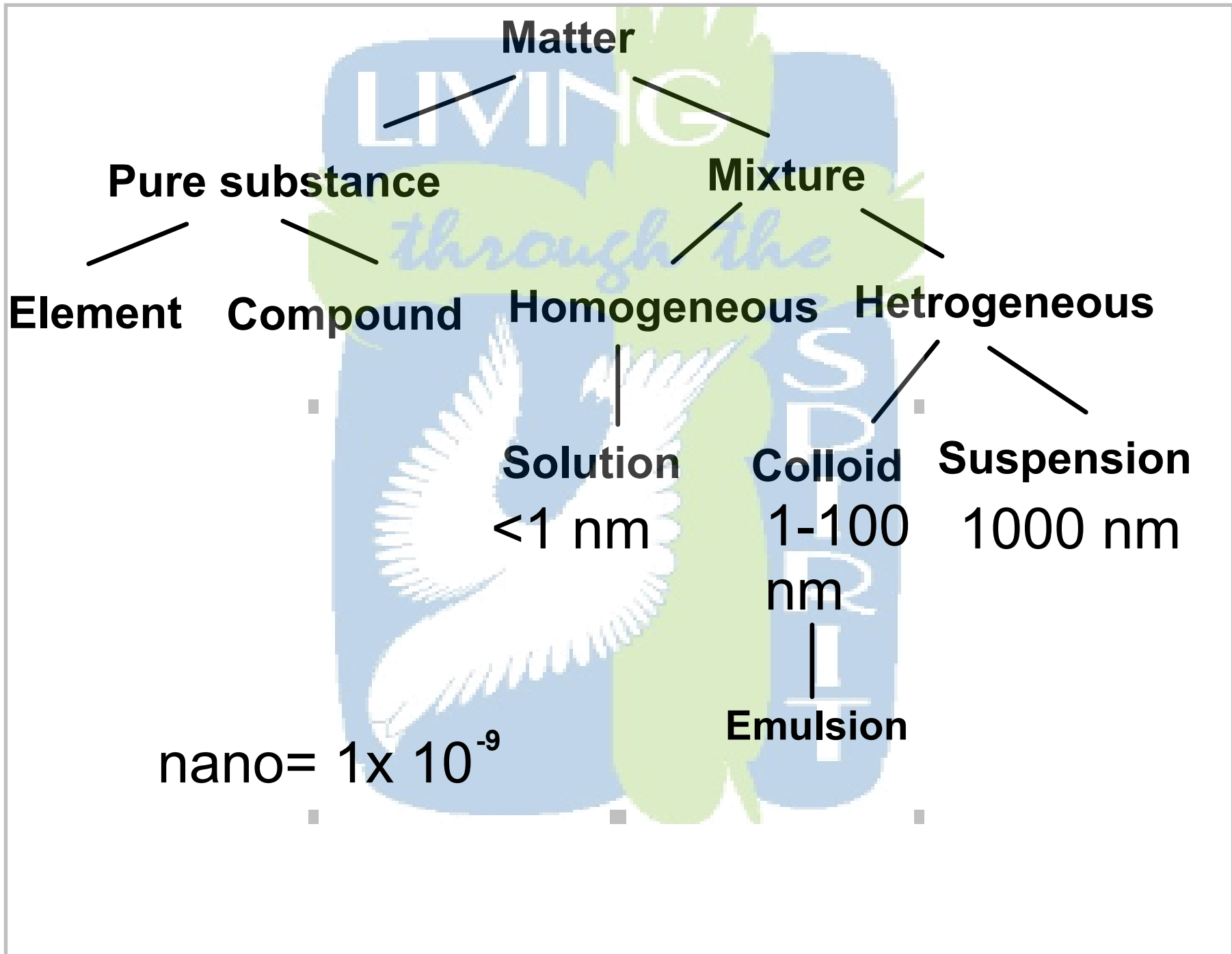


And God said, "Let the water under the sky be gathered to one place, and let dry ground appear." And it was so. God called the dry ground "land," and the gathered waters he called "seas". Genesis 1: 9-10







LIVING
Solution

through the

Solvent - does the dissolving
the part in largest quantity

Solute - what is being dissolved

Types of solutions

named by its solvent

Solid

24k Au 100% Au
14K Au 58% Au
10K Au 42% Au
 52% Cu

liquid

H₂O - Universal
solvent

gas

Solid - Alloys

liquid - Dental Amalgam

gas

Solid - salt H₂O

liquid - vinegar

gas - CO₂

Solid

liquid - humidity

gas - Air

N - 78%

O - 21%

Ar - .93%

CO₂ - .03%

Brass Pewter
Bronze
Stainless Steel
Jewelry

Rate of solution

Like dissolves like

Stir/shake

Pressure

Temperature

Surface Area



Solubility

supersaturated

Saturated

Unsaturated

Concentration

Molarity

<http://www.fordhamprep.org/gcurran/sho/sho/lessons/lesson64.htm>