

## Chapter 2 - The Chemistry of Life

### Section 1 - Nature of Matter

#### Atoms

**What is matter made of?**

##### 1. Atoms

 **Definition -**

**In normal terms -**

##### 2. Elements

 **Definition -**

**In Normal terms -**

##### 3. Isotopes

 **Definition -**

**In Normal terms -**

#### Chemical Bonding

**3 Types of Chemical Bonds hold all of this matter together**

 **1.**

 **Definition-**

**What is that like?**

**How Strong are they?**

 **2.**

 **Definition-**

**What is that like?**

**How Strong are they?**

 **3.**

 **Definition-**

**What is that like?**

**How Strong are they?**

## Section 2 – Properties of Water

### Water in Living Things

#### Properties of Water

📖 1.

Why is that important?

#### 2. Cohesion and Adhesion

Cohesion Definition-

Adhesion Definition-

What causes these attractions?

### Aqueous Solutions

#### 1. Solution

📖 Definition

#### 2. Suspension

📖 Definition

### Acids and Bases

#### 1. The pH Scale

📖 What molecule creates the ions that affect pH?

📖 Name the two resulting ions

📖 What range of numbers are used to represent pH?

### Acid

1. What makes something an Acid?

2. What pH numbers represent acids?

3. Name some acidic things?

### Base

1. What makes something a Basic?

📖 What pH numbers represent bases?

2. Name some basic things?

### Neutral

What makes something a neutral?

1. Name one neutral thing?

📖 Where does human blood fit into this scale?