

First Marking Period

September Lab/Projects: How many on a penny text,

**Lab: p 141 potato Pressure,
up or down diaper dissection internet**

Scientific Method

Lab safety procedures

Scientific method review

Project assignment

Chapter 1

What are theories of origin?

What does the evidence show?

What is phylogenetics?

Chapter 6

Your Lifestyle Effects Your Body

How do drugs affect your body?

How do alcohol and tobacco affect your body?

A plan for your body

October

**Lab : stomata P 30 BFEK, BFEK ,
CUTTING PLANT plants grow better in which soil internet**

Chapter 6 contd.

Your Lifestyle Effects Your Body

How do drugs affect your body?

How do alcohol and tobacco affect your body?

A plan for your body

Chapter 4

How Animals Survive

What effects ecosystem dynamics?

What are animal adaptations?

What changes occur in ecosystems?

How do animals respond to environmental changes?

Second Marking Period

November – December

November

Chapter 11

Lab: old Text p 434 18:1 Kool Colors

Ways matter changes

What are physical changes?

What are mixtures and solutions?

What are acids and bases?

Chapter 12

Lab: Solubility of liquids, Text p. 462 Cabbage Chemistry,

Elements of the periodic table

What are atoms?

How are elements organized?

What are metals?

What are nonmetals and metalloids?

What are radioactive elements?

December Chapter 12

Lab: Solubility of liquids, Text p. 462 Cabbage Chemistry,

Elements of the periodic table contd.

What are atoms?

How are elements organized?

What are metals?

What are nonmetals and metalloids?

What are radioactive elements?

Chapter 13

Types of chemical bonds

How do chemical bonds form?

How do covalent bonds form?

How are chemical formulas helpful?

**Labs/projects: Does reaction rate change with
particle size internet Chemical or Fizzical, 16.4**

January

Labs/projects: Does reaction rate change with particle size internet Chemical or Fizzical, 16.4

Chapter 13 contd.

Types of chemical bonds

How do chemical bonds form?

How do covalent bonds form?

How are chemical formulas helpful?

Midterms

February

Third Marking Period

Chapter 14

Chemical Reactions

How can we observe Chemical changes?

How can we describe chemical reactions?

How can we control chemical reactions?

Chapter 2

Types of Plants

How are plants classified?

What are spore Producing Plants?

What Are Gymnosperms?

What are Angiosperms?

Lab: stomata P 30 BFEK, BFEK , CUTTING PLANT plants grow better in which soil internet

March

Chapter 2 contd.

Types of Plants

How are plants classified?

What are spore Producing Plants?

What Are Gymnosperms?

Chapter 3

How Plants Survive

How do plants capture energy?

What are plant adaptations?

How do humans effect the survival of plants?

April

Lab: density popcorn internet, does liquid weigh more after freezing or boiling? separating mixtures Internet, density tower

Chapter 8

The Atmosphere, Weather and Climate

What makes up earth's atmosphere?

Where is earth's water?

How are air pressure and winds linked?

How are weather patterns and severe storms related?

What is climate?

May Chapter 9

Resources and their uses

How can we use resources wisely?

How have people affected earth's water resources?

How have people affected earth's atmosphere?

Chapter 10

Earth's History

How does earth change?

How old are earth and its layers?

What does the fossil record show?

June

Review for finals **Final Exams**