

## **Kindergarten Science Curriculum**

### **Unit 1-Sink or Float**

**CCSS-SKP1b, SKP3c**

#### **Activities-**

**Students will predict and check to see if classroom items will sink or float.**

**Students will predict and check to see what color crayons will sink or float.**

**Students will predict and check to see what holiday items will sink or float.**

#### **Material/Resources**

**Clear container filled with water**

**Items for experiment (crayons, classroom items, holiday items)**

**Informal Assessment-Ongoing during group activities.**

### **Unit 2- Oceans**

**CCSS- RL 1, 5, 7, & 10.**

**RI 1, 7, 8, & 10**

**SKL1 a & b.**

**SKE2C**

#### **Activities**

**Students will listen to book "Fish Facts".**

**Students will complete worksheet #94 on fish parts.**

**Students will watch video on Ocean Animals.**

**Students will create an Ocean Mural.**

Students will listen to books about Ocean Life.

Students will complete Unit A chapters 1-3 in the Science book. (Whole Group)

Students will visit The Shedd Aquarium in Chicago.

### **Materials/Resources**

Fish Facts book and worksheet #94

Ocean books

Ocean life Videos

Science unit a chapters 1-3

Shedd Aquarium

Supplies to create Mural

### **Informal Assessment**

Creating Ocean Mural

### **Unit 3-5 Senses/ Living and non living**

CCSS-SKE2a & b, SL1-6, W3

### **Activities**

Students will listen to the story "Touch It" and discuss five senses.

Students will complete worksheet #92 on textures.

Students will listen to book "What Grows?" Discuss living and non living.

Students will complete worksheet # 86 on living/non living.

Students will listen to book "Pumpkins in the fall".

Students will complete worksheet # 95 about pumpkins.

Students will complete sequencing worksheet about growing pumpkins.

### **Materials/Resources**

"Touch it" book

"What Grows" book

"Pumpkins in the fall" book

Worksheets- # 86, 92, & 95.

**Informal Assessment-Complete worksheets**

**Unit 4-Food Groups**

**CCSS-SkP1b**

**Activities**

Introduce Food Pyramid and food groups.

Students will create a healthy meal on a paper plate.

Students will sort food cards into the correct food groups.

**Material/Resources**

Food Pyramid

Food Groups Bulletin Board

Paper plates and crayons for creating healthy meal

Food cards for sorting

**Informal Assessment**-Creating healthy meal on a plate.

## **Unit 5- Space**

CCSS-SKE1 a & b, SKP3b

### **Activities**

Students will listen as teacher reads " Laura's Star".

Students will listen as teacher reads "Laura's Secret".

Students will create a constellation.

Students will listen as teacher reads Science Unit D chapters 9 & 10.

Students will watch "Magic School Bus Lost in Space".

Students will listen to Story "Moving from Place to Place".

Students will complete worksheet #107.

### **Materials/Resources**

Books: "Laura's Star", "Laura's Secret", and " Moving from Place to Place"

Worksheet # 107

Movie-"Magic School Bus Lost in Space"

Black paper and star stickers for creating constellation

Science Unit D chapters 9 & 10

**Informal Assessment- Creating Constellation**

## **Unit 6 Dental Health**

**CCSS- L1a, W2**

### **Activities**

Students will learn how long to brush.

Students will learn how to floss using string and hands (between fingers).

Students will watch dental health videos.

Students will complete a book "Taking care of our teeth".

Students will create a set of teeth using pink paper and mini marshmallows.

Students will receive a toothbrush.

### **Materials /Resources**

Videos on teeth

String for floss

Tooth brushes to keep

Marshmallows and pink paper to create a set of teeth

Pages to create book "Taking care of our teeth"

**Informal Assessment- Recalling what to do for healthy teeth**

## **Unit 7-Maps**

**CCSS-SSKG1,2 a-c**

### **Activities**

Students will listen to book "Find it on the Map".

Students will complete worksheet #100 (Maps).

Students will listen to Science Unit C chapters 6-8

Students will learn how to read maps.

Students will learn what a map key is for.

### **Materials/Resources**

Science book Unit C chapters 6-8

Book-"Find it on the Map"

Worksheet # 100

**Informal Assessment- Finding objects on the map in Unit C Chapters 6-8**

## **Unit 8-Earth Day**

**CCSS-SKE2a-c, SKP1a & b, SKP2a, SSKH1a-i**

### **Activities**

Students will discuss "Reduce, Reuse, and Recycle".

Students will complete a worksheet on Air Pollution.

Students will watch a video on recycling.

Students will watch a video on "Where does the garbage go?".

Students will complete sorting recyclable activity on computer.

Students will listen as teacher reads Science Unit B chapters 4 & 5.

Student will watch video "Franklin Plants a Tree".

Students will plant a "Kinder" garden.

Students will complete parts of a flower worksheet.

Students will complete planting sequencing page.

### **Materials/Resources**

Videos- Reduce, Reuse, Recycle; Garbage Day; Franklin Plants a Tree.

Computer activities.

Science Unit B chapters 4 & 5.

Air Pollution worksheet

Flower Parts worksheet

Planting sequential worksheet

Flowers donated by parents for garden

### **Informal Assessment-Planting the "Kinder" garden**

#### **Unit 9-Animals and Insects**

CCSS-SkL1 a & b, SKL2a, c & d, W2.

#### **Activities**

Students will listen to story "What Can Jump?".

Students will complete worksheet # 85 on What Can Jump.

Students will listen to story "Insects Up Close".

Students will complete worksheet # 91 on insects.

Students will listen to stories about pets.

Students will complete worksheets on pets.

Students will create a dog for Art.

Students will listen to stories about insects.

Students will complete worksheets on insects.

Students will complete a book on bugs.

#### **Materials/Resources**

Books on Pets

Books on Insects

Pet activity sheets

Insect activity sheets

What Can Jump? book



What Can Jump? activity sheet

Insects Up Close book

Insects Up Close worksheet

Bug book (to create)

Favorite pet activity sheet

**Informal Assessments- Creating Bug Book, Favorite Pet worksheet.**