Science Curriculum Lab Guide
EDY 310
Seasons

Caps, Hats, Socks, and Mittens: A book about four seasons
By: Louise Borden
Illustrated By: Lillian Hoban
(Big book) Describes the joy of each season
Call No. PZ7.B64827

Old Bear By: Kevin Henkes
Call No. PZ7.H389
An old Bear dreams about his past and how much fun he had as a cub during different seasons (Also mentions hibernation in winter)
Preschool

The reasons for four seasons By: Gail Gibbons
This book explains why we have four seasons K-3
Call Number:QB637.4.G53 1995

Interactive Science-Teacher Book /Activity- Gr.1
(pgs 221-224)
Discusses each season, Could be assignment for students during a silent work time.
Call No.Q181.A2 I584 2012

Weather

Weather projects for young scientist: Experiments and science fair ideas.
By: Mary Kay Carson
This text provides many weather science projects for students to experiment with. Students can make beakers or create tornados in a bottle; there are over 40 different activities for students.
Call No. QC981.3.C372 2007

Interactive Science-student workbook Gr.1
Chapter 6 gives a description about weather and poses many questions, ideas, and activities about weather.
Call No. Q181.A2 I584 2012
Use as an introduction to the topic of the body, also build excitement. Ms. Frizzle takes her on an adventure to learn about bones, joints, muscles, along with the digestive system and bloodstream.

5 Senses

My five senses / by Aliki
QP434 .A43 1989 Big-Book

Introduction to the five senses, and how they work an easy transition book from the human body.

5 senses: ready-to-go activities, games, literature selection, poetry, and everything you need for a complete theme unit by Tracey West
Grades k-1
LT3410.H574 S36 1997

After introduction book have the children in-group setting try some of the activities to see how the senses work.

The five senses / text by Adèle Ciboul ; ill. by Clémentine Collinet,
QP434 .C52 2005

Have students use this book alone to help develop concept of the 5 senses. Has activities for them to try and games to play to reinforce the learning

Simple Machines

Explore Simple Machines!
by Anita Yasuda
TJ147.Y37 2001

This book encourages children to look differently at common contraptions in everyday life such as zippers and rolling pins.

Explore Simple Machines
by Allan Fowler
TJ147.F65 2001

This book describes four kinds of simple machines- levers, pulleys, wheels and ramps
Wheels and Axles
by Kay Manolis
TJ181.5.M35 2010

Levers and Pulleys
Produced by Disney Educational Productions
TJ147.S35 2008
This Video uses rides from Disney parks to help children learn about simple machines.

Planets

Mercury, Mars, and other Inner Planets
By: Chris Oxlade
This shows a picture of the different planets and has a brief explanation of each. QB611.O96
Grades 1-3
The Planets
By: Dava Sobel
This book explains the planets in simplest form with a picture of each. QB601.S63

Activity: Making Craters
The students will fill trays with flour and drop a ball in each of their two trays filled with flour, etc.
Nearest to the Sun by: Nancy Loewen QB611.L64

Habitats and Biomes

The Artic:
Grades 1-3 Book:
Welcome to the Ice House
By: Jane Yolen
This book is about the different animals that live in the arctic. It shows where the animals go as the weather becomes colder. QL105.Y65
The Rainforest
Grades K-2
Animals Hide and Seek
By: Barbra Taylor

This book is about the different animals that live in each habitat. It has pictures of each different animal in each habitat/ biome and talks about how each animal survives in each habitat.

QL49.T214

Activity:
Cut animals out from each habitat and place them in a bag. Make a chart with the names of the habitat at the top. Have the children place each animal under its correct habitat with a fact they learned from reading the books.


Desert
Grades K-1 Book:
The desert Alphabet Book
By: Jerry Pallotta

This book is about the teaching of different Animals in the desert and teaches about the alphabet too. As they describe the different animals.