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Physical Science Unit Curriculum- Pacing Guide



This pacing guide is set for a highschool or middle physical science course. It includes the order of units, weeks needed, and NGSS standards. The you can adjust through the school year. The standards are listed below for middle school and highschool. The weeks listed for each are the recommended 36 week school year.

Weeks	Unit	Topics
1-5	Intro to Physical Science	<ul style="list-style-type: none"> What is Physical Science? Scientific Method Metric System and Conversions Scientific Notation Measuring Lab Equipment Graphing
6-10	Motion and Forces	<ul style="list-style-type: none"> Distance, Displacement, and

Each set of standards are linked to the NGSS website if you need more guidance. I would recommend leaving both middle and highschool even if you are teaching that subject right now. This is a great resource to follow you along your course.

Middle School-NGSS Standards

Motion and Forces

- MS-FIS-1** Apply Newton's third law to design a solution to a problem involving the motion of two colliding objects.
- MS-FIS-2** Plan an investigation to provide evidence that the change in an object's motion depends on the sum of the forces on the object and the mass of the object.
- MS-FIS-4** Construct and present arguments using evidence to support the claim that gravitational interactions are attractive and depend on the masses of interacting objects.
- MS-FIS-5** Conduct an investigation and evaluate the experimental design to provide evidence that fields exist between objects exerting forces on each other even though the objects are not in contact.

Energy

- MS-FIS-1** Construct and interpret graphical displays of data to describe the relationship of kinetic energy to mass of an object and to the speed of an object.
- MS-FIS-2** Develop a model to describe that when the arrangement of objects interacting at a distance changes, different amounts of potential energy are stored in the system.

PHYSICAL SCIENCE PACING GUIDE

Middle and High School

Louisiana Science Pacing Guide

Carolyn Farquhar Ulrich



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Late Preterm Infants Shahirose Sadrudin Premji,2019-04-17 This volume analyses the distinct care needs of late preterm infants and their parents by reflecting on the best available evidence to inform practice and latest innovations in care It addresses the spectrum of issues experienced by late preterm infants and their parents and ways to ensure healthy transitions from hospital to community We define late preterm infants as those born between 34 0 7 to 36 6 7 7 weeks gestational age The book uses creative writing prompts and a narrative style to gain insight and be self reflection in and on practice to move the reader to embrace best practices Issues such as mother's physical and emotional health father's burden in postpartum period the work organization of nurses caring for late preterm infants feeding and jaundice which threaten readmission and neurodevelopmental outcomes of late preterm infants are specifically addressed Areas of innovation are shared for consideration to prompt readers to think about continuous improvement in quality of care The book shares local and global perspectives to address the common concerns related to care of late preterm infants and their parents and fosters a partnership in promoting health of late preterm infants and their parents all across the globe It is intended for any health care providers such as nurses midwives physicians and other allied care professionals like health visitors community health workers

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