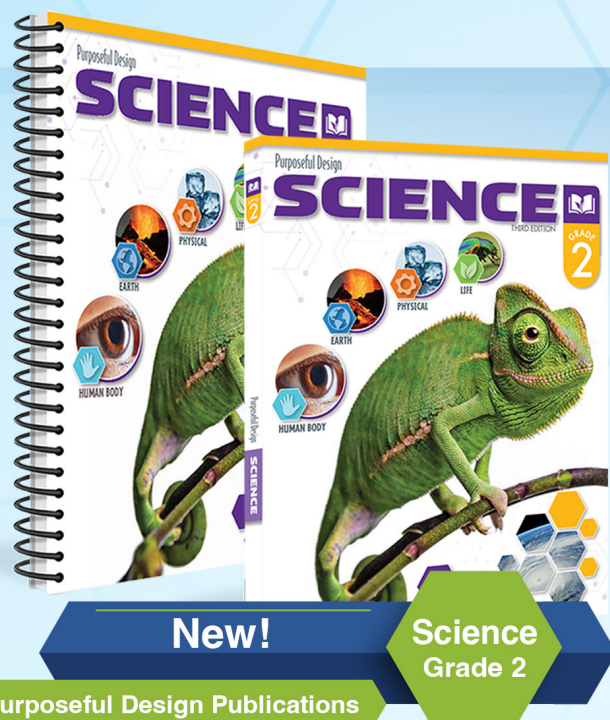




# STANDARDS AND FEATURES



## DESCRIPTION

The NSTA recommends that science educators use science and engineering practices to actively engage students in science learning. Instilling a wonder of and enthusiasm for science that lasts a lifetime requires teachers to create an engaging learning environment where the majority of classroom time is spent on hands-on learning and teachers become co-inquirers with their students.

Good instruction of science from a Christian perspective should draw students to an awe and amazement of God and His creation. PDP's Elementary Science provides all this for schools as well as content information for teachers to feel knowledgeable. Lessons are written by teachers for teachers, and the material is a tool in the hands of the teacher to use as best fits each school's purposes.

## SPECIAL FEATURES

- Charts showing NSES and NGSS standards met within each lesson
- Inclusion of scientific inquiry investigations and engineering design process activities
- Content objectives and biblical worldview objectives. For G1-3, the worldview content centers on answering three questions: 1) Who is God?, 2) Who is man?, and 3) What is the nature of the world around you?
- Includes full range of questions based on critical thinking, depth of knowledge, and Bloom's taxonomy
- Formative and summative assessments
- Experiential in approach
- Includes differentiated instruction ideas

## COMPARISON TO PREVIOUS EDITION

### 2ND EDITION

- » NSES standards
- » Inclusion of scientific inquiry investigations
- » Traditional assessments
- » Biblical worldview integration
- » Blackline masters in black and white

### 3RD EDITION

- » NSES and NGSS standards with explicit lists showing which NSES and NGSS standards are addressed in each lesson
- » Inclusion of scientific inquiry investigations and the engineering design process
- » Traditional assessments and Performance-based assessments in every chapter
- » Biblical worldview objectives and integration designed to prepare students to grasp and understand the wonderful character and nature of God, what their purpose is according to His design, and how they should interact with all creation he designed.
- » Blackline masters in full color
- » Unit overview videos starting in Grade 3