



Introduction to K–2 Core Knowledge Science (CKSci) ***Professional Learning Offering Description***

Method of Delivery: Asynchronous Modules

The Introduction to K–2 Core Knowledge Science online course includes five modules that highlight core elements and considerations for successful implementation, such as: *what are the key resources; what design principles informed the look and feel of the program; and, how is three-dimensional learning facilitated.*

After purchase, participants will be invited to start the course. The learning content will remain active for **45 days** from the time of this invite.

Audience: Grades 3–5 Teachers, Instructional Staff Personnel (e.g., Coaches), and School Leaders.

Objectives:

- *Describe how the Core Knowledge approach, Next Generation Science Standards (NGSS), and effective teaching practices all influenced the **design of the CKSci program.***
- *Identify each of the **resources** that make up the CKSci K–2 program.*
- *Describe **key features** within the **Teacher Guide.***
- *Identify examples of three-dimensional learning in a CKSci lesson or capstone project.*

Content Outline:

PART 1: BACKGROUND INFORMATION: CORE KNOWLEDGE FOUNDATION AND THE CK SEQUENCE

Description: This content is designed to provide teachers, who are not familiar with Core Knowledge, with a snapshot of how and why the Core Knowledge Foundation was established as well as the process and collaboration behind the development of the *Core Knowledge Sequence*, which serves as the blue print of all Core Knowledge curricula.

PART 2: INTRODUCTION TO THE 4-C CHARACTERISTICS OF THE CORE KNOWLEDGE APPROACH

Description: This content is designed to introduce teachers to the 4-C approach, a design principle applied throughout all Core Knowledge curricula and an integral part of effective implementation.



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PART 3: DESIGN PRINCIPLES OF CKSCI

Description: This content describes how the Core Knowledge (4-C Approach), Next Generation Science Standards (NGSS), and effective teaching practices all influenced the design of the CKSci program.

PART 4: OVERVIEW OF K–2 CKSCI MATERIALS

Description: This content provides an overview of the CKSci core resources (i.e., the Teacher Guide, Student Book, and Online Resources Guide) and highlights corresponding key features. A scavenger hunt activity affords the opportunity for teachers to closely examine a Teacher Guide designed for their grade level.

PART 5: THE NGSS THREE-DIMENSIONAL LEARNING APPROACH AND APPLICATION IN K–2 CKSCI

Description: This content offers an overview of each dimension and examples of how this approach is applied in the CKSci program. The corresponding activity and reflection provide teachers with an opportunity to take a close look at what this approach looks like in action at a specific grade level.

[OPTIONAL]

Live Office Hours

- If requested within four months of a signed contract for the aforementioned content, the Core Knowledge Science team can host a live office hour session to answer questions about CKSci K–2.
- The duration of the one session will be up to 45 minutes.
- There is **no** additional charge for the live office hours.