twig SCIENCE

Professional Learning

Grades PreK–8

Twig Science Professional Learning Catalog

2026–2027



imagine learning

Professional Learning Session and Services Descriptions

Getting Started Sessions

Take Off with Twig Science

Explore Twig Science by reviewing curriculum structure, navigating platform tools, and accessing key resources. Build confidence to launch a successful year of science instruction.

PreK, K–5, 6–8

Teachers | Leaders | Coaches

1 hour

30 participants

Getting Started with Twig Science

Prepare to teach Twig Science by exploring lessons, reviewing program tools, and planning instruction. Begin your first weeks with clarity and confidence.

**Scheduling sessions by grade band (K–2/3–5) is recommended. PreK sessions should be scheduled separately.*

PreK, K–5, 6–8

Teachers | Leaders | Coaches

3 hours

30 participants

3 or 6 hours

30 participants

Introduction to 3-D Learning

Explore 3-D learning by reviewing instructional shifts, analyzing science standards, and observing lesson examples. Use Twig Science to implement dimensional teaching practices.

Prerequisite: **Getting Started with Twig Science**

**Scheduling sessions by grade band (K–2/3–5) is recommended.*

K–5, 6–8

Teachers | Leaders | Coaches

3 hours

30 participants

3 or 6 hours

30 participants

Next Steps Sessions

Module Next Steps in Twig Science Elementary

Prepare for module instruction by unpacking lessons, exploring assessments, and identifying key knowledge and skills. Use insights to support student success.

Prerequisite: **Getting Started with Twig Science**

**Scheduling sessions by grade or grade band (K–2/3–5) is recommended. PreK should be scheduled separately.*

PreK, K–5

Teachers | Leaders | Coaches

3 hours — 30 participants

3 hours — 30 participants

Module Next Steps in Twig Science Middle School

Explore student-centered components by reviewing Wonder Questions, analyzing assessments, and planning hands-on investigations. Apply strategies to engage middle school learners.

Prerequisite: **Getting Started with Twig Science**

6–8

Teachers | Leaders | Coaches

3 hours — 30 participants

3 hours — 30 participants

Assessment in Twig Science Elementary

Strengthen assessment practice by exploring performance tasks, analyzing assessment types, and connecting evaluation to instruction. Use tools to measure and support student learning.

Prerequisite: **Getting Started with Twig Science**

**Scheduling sessions by grade band (K–2, 3–5) is recommended.*

K–5

Teachers | Leaders | Coaches

3 hours — 30 participants

3 hours — 30 participants

Assessment in Twig Science Middle School

Explore three-dimensional assessment by reviewing embedded formatives, analyzing benchmarks, and connecting data to instruction. Use strategies to guide and inform teaching decisions.

Prerequisite: **Getting Started with Twig Science**

6–8

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Act Like a Scientist: SEPs in Action

Bring Science and Engineering Practices to life using Twig Science. This session helps teachers deepen 3-D learning by making SEPs visible and meaningful through collaboration and planning to support student sense-making.

Prerequisite: **Getting Started with Twig Science**

K–5

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

ELA Integration in Twig Science Elementary

Integrate ELA by exploring informational texts, analyzing text features, and planning cross-curricular instruction. Use strategies to make science reading accessible and engaging.

Prerequisite: **Getting Started with Twig Science**

K–5

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

ELA Integration in Twig Science Middle School

Strengthen literacy in science by examining disciplinary text structures, applying evidence-based scaffolds, and using strategies that support comprehension of complex ideas. Use these insights to enhance explicit reading instruction in middle school.

Prerequisite: **Getting Started with Twig Science**

6–8

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

English Language Learners in Twig Science Elementary

Explore how language development supports science learning. See demonstrations of SCALE Language Routines and learn strategies that build discourse, deepen comprehension, and support English Learners with meaningful access to instruction.

Prerequisite: **Getting Started with Twig Science**

PreK, K–5

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Scientific Discourse in the Elementary 3-D Classroom

Promote inquiry by exploring questioning strategies, analyzing discourse characteristics, and planning with sentence frames. Use tools to engage students in meaningful scientific conversations.

Prerequisite: **Getting Started with Twig Science**

K–5

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Pace with Purpose

Learn how to make smart pacing decisions without sacrificing sense-making. This session uses the Do–Say–Make Sense framework to help teachers identify essential learning moments and adapt lessons under real-world constraints while keeping rigor intact.

Prerequisite: **Getting Started with Twig Science**

K–5, 6–8

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Scientific Discourse in the Middle School 3-D Classroom

Participants will use the Guide to Scientific Discourse, Language Routines, Vocabulary, and Teaching Aids to facilitate rich student discourse and support scientific language. They will leave with strategies to strengthen speaking, listening, and writing in Twig Science.

Prerequisite: **Getting Started with Twig Science**

K–5, 6–8

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Elevating the SEPs

Support teachers in strengthening a selected Science and Engineering Practice through scientific discourse. Participants strengthen lesson tasks and teacher talk using Talk Moves and plan next steps for classroom implementation.

6–8

Teachers | Leaders | Coaches

3 hours | 30 participants

3 hours | 30 participants

Lead with Success Sessions

Administrator Reports and Observations

Strengthen observation practice by identifying 3-D classroom indicators, reviewing assessment types, and analyzing reports. Use tools to support instructional leadership in science.

K–5, 6–8

Leaders

3 hours | 30 participants

3 hours | 30 participants

Introduction to Learning Walks for Leaders

This session introduces instructional leaders to the Learning Walk Tool and process as they prepare to support teachers in implementing Twig Science. Learning Walks for Leaders are recommended to strengthen guidance and support for 3-D learning.

PreK–8

Leaders

3 hours | 30 participants

3 hours | 30 participants

Learning Walks for Leaders

The Imagine Learning Learning Walk series equips instructional leaders with guidance and tools to identify trends in classroom practice to target next steps for professional learning and development. Learning Walks are designed as a series and include four full onsite days for up to five instructional leaders.

Recommended prerequisite: **Introduction to Learning Walks for Leaders**

PreK–8

Teachers | Leaders | Coaches

6 hours | up to 5 participants

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imaginelearning.com/twig-science

877-725-4257 • solutions@imaginelearning.com

IL00006027 2610