

ORIGO
STEPPING STONES
COMPREHENSIVE MATHEMATICS

PRE-K



PROGRAM
OVERVIEW

OUR MISSION

We make learning **meaningful, enjoyable, and accessible** for all.

OUR BELIEFS

At ORIGO Education, we believe




- **learning** is a social process that requires language and discourse
- **students** who develop strong thinking, problem-solving, and communication skills grow into productive, innovative members of society
- **content** taught in a logical, coherent, and learner-friendly sequence inspires student engagement and success
- **technology** empowers rather than replaces educators.




LEARN MORE

Web origoeducation.com/sspre-k
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Visit vimeo.com/channels/origo1 to create light bulb moments for your students.



Visit origoeducation.com/insights for easy-to-use ideas and resources that can be quickly implemented in your classroom.

Table of Contents

A Child’s Journey2-3

A Child’s Journey Through the Program.....4-5

An Educator’s Journey6-7

An Educator’s Journey Through the Program.....8-9

ORIGO Stepping Stones Pre-K offers developmentally appropriate, play-based activities rich with language experiences.



ORIGO Stepping Stones Pre-K builds mathematical ideas and language by

- creating rich experiences to support mathematical language
- providing research-based content in a developmentally appropriate progression.



ORIGO Stepping Stones Pre-K offers interactive play-based instruction by

- involving children in authentic learning through sensory, artistic, and dramatic play
- empowering children to explore concepts in a natural and fun way.

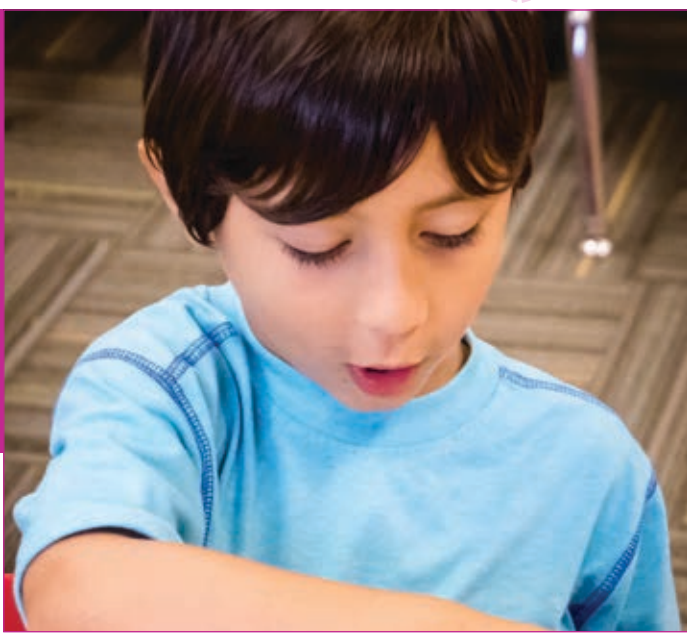


ORIGO Stepping Stones Pre-K supports social emotional learning by

- encouraging children to be confident in expressing their emotions, as well as feeling and showing empathy for others
- acquiring and effectively applying positive relationship skills with adults and peers.

A Child's Journey...

Meet Alex
He is four years old
and loves to learn!



He is immersed in a mathematical learning community that develops *academic and social language* structures for *effective communication*.



He is encouraged and guided to be a *positive* and *empathetic* member of his *learning community*.

He is engaged in authentic *whole group* and *small group* learning experiences to grow his *mathematical ideas* and understanding.



He is inspired by *play-based* activities to promote a *growth mindset* and a natural curiosity to explore and investigate concepts.

A Child's Journey Through the Program

Big Books, Tools and Tunes

ORIGO Pre-K Big Books build on children's natural love for learning and stories to introduce key mathematical concepts. These large-format storybooks develop and reinforce mathematical language and understanding. In *ORIGO Big Books Tools and Tunes*, characters and concepts from the books are brought to life. Easy-to-use tools set the stage for purposeful play and learning. Lesson notes help you reinforce and extend concepts through a variety of classroom activities.



AVAILABLE IN ENGLISH AND SPANISH



Big Poster Books and Songs

ORIGO Big Poster Books are original short stories that use rich language, vibrant pictures, and snappy songs to introduce key math concepts. Each Big Poster Book in the 12-book set can be read like a large-format book and then unfolded to be displayed as a poster.



AVAILABLE IN ENGLISH AND SPANISH

Activity Book

The *Activity Book* includes visual aids, models, and paper-based manipulatives. This engaging consumable book is large-format (11" x 17"), colorful, and appealing to young children.



Big Cubes and Cards

ORIGO Big Cubes and Big Cube Cards are the perfect resource to help stimulate mathematical thinking and discussions. As children engage with these large-format cubes, the cards inserted into the soft-pocket sides provide rich opportunities for mathematical language and child-centered discussions.

AVAILABLE IN ENGLISH AND SPANISH



The Math Case

The *Math Case* gives you the ideal resources to develop young children's understanding of mathematics concepts. Inside, you will find number tracks, five-frames, number word and quantity cards, domino dot arrangements, 2D shape cards, jigsaw puzzles, and a variety of picture cards to complement the ORIGO Pre-K Big Books.



AVAILABLE IN ENGLISH AND SPANISH

An Educator's Journey...

Meet Ms. Hooks

She is an educator who strives to provide exciting, research-based activities for her students.



She is *invested* in building a safe, inspired, and creative mathematical learning community to support all learners.



She is *empowered* by the latest professional learning that underscores best practices in mathematics education.



She is *confident* in the knowledge that each child feels important and valued in the classroom and beyond.

An Educator's Journey Through the Program

Digital Teacher Edition

The Digital Teacher Edition provides one central location to access all lesson plans, teaching tools, and content for *ORIGO Stepping Stones Pre-K*.

Pre-K, Module 3, Topic 1, Whole Group 2

The screenshot shows a lesson plan page with the following sections:

- Exploring counting 1 to 5**: In this activity, children practice how to count one to five objects using one-to-one correspondence.
- Step 1 Preparing the activity**: You will need:
 - 2 hula hoops
 - ORIGO Big Book: How Many Animals?
 - 10 toy animals (or teddy bear counters)
- Step 2 Starting the activity**: Place the two hula hoops in the center of the room and say, *On this table I have five animal friends. I will place some of them inside a hoop. When I say your name, I want you to show me the same amount by placing other animals inside the other hoop. Then I want you to explain to the class why the two amounts are the same.* Repeat the activity several times with different children, remembering to practice all quantities from one to five.
- Step 3 Teaching the activity**:
 - Display the cover of *How Many Animals?* and ask, *What do you see on the cover of this book? What do you think this book will be about?* Allow time for the children to talk about the book cover in pairs. Read the whole book aloud. Prompt the children to touch their shoulder each time they hear a number word. Afterward, encourage the children to talk about the story and pictures in pairs.
 - Say, *In this book we saw various quantities of animals.* Open the book to pages 4–5 and read the text again. Ask, *What does a group of four mean? What is a group? How many are in the group of lions? Let's count them.* As you count the lions, point to each one individually to show one-to-one correspondence.
 - Continue through the book, having clear conversations about the quantity of animals on each page. Ensure children understand the quantity on each page by allowing them to talk in pairs about the new language.
- Step 4 Reflecting on the work**: Say, *Today we counted from one to five animals.* Prompt children to sit in a circle for Reflection Time. Encourage children to share their reflections with the group. Provide an example if necessary.

Ensures all materials required for the lesson are at hand.

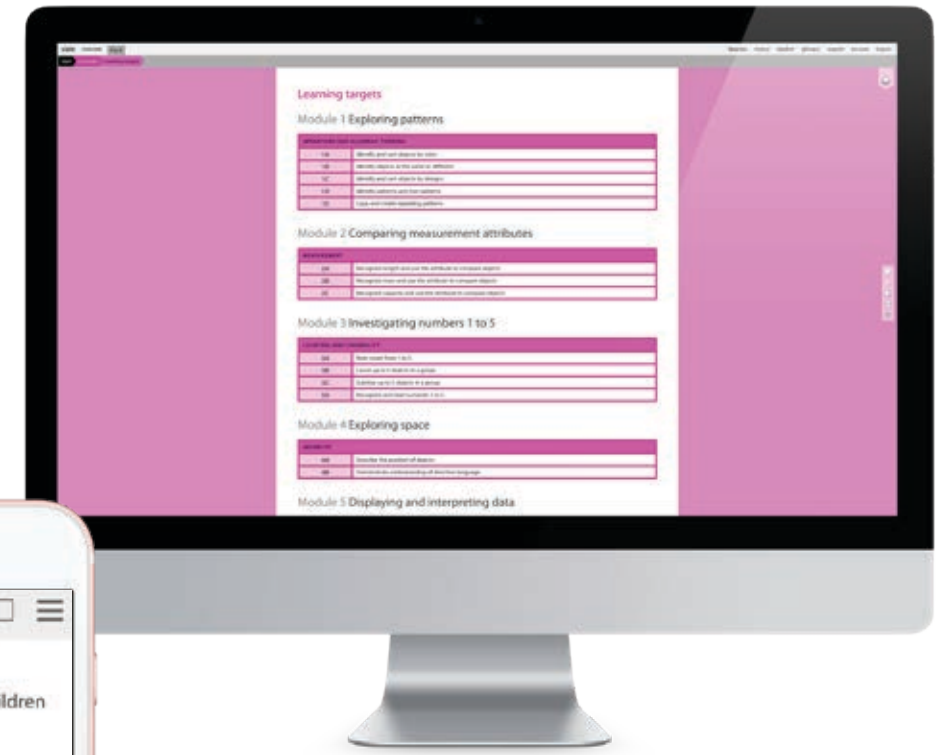
Provides instructions for teachers to review previously learned content or launch the current lesson.

Provides guidelines and suggestions for interactive discourse during a minds-on experience for students.

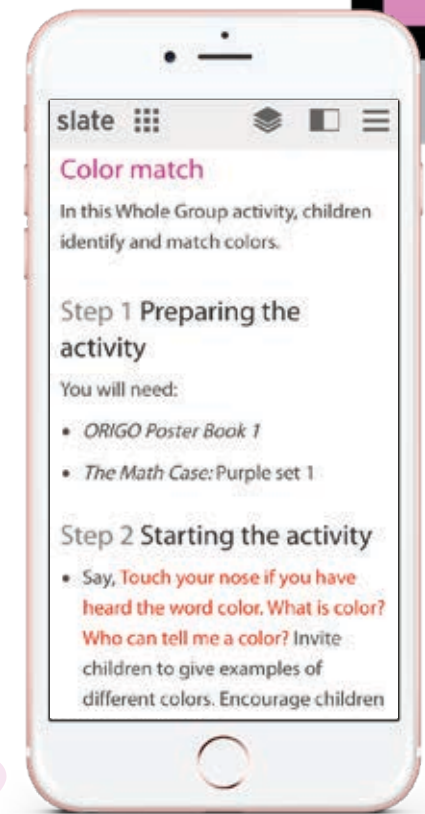
Provides teachers with extra time to build a community of learners and reflect on the day's learning.

Online Resources

Comprehensive digital teacher notes, resources, professional learning videos, and research at your fingertips.



Accessible from any device



Explicit formative observations, summative interviews, ELL accommodations, and teaching tips for easy reference.

Optional digital resources for student use during small group instruction.



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