

Your Teacher Guide, page by page

Kiddom Florida Math Teacher Guide

Every lesson follows the same arc, and every unit is built the same way. Unfold this guide to see each part and what it is for.



LESSON 1

Scaled Pictographs

Standards Addressing

MA.3.DP.1.2

Vocabulary

scaled pictograph

Instructional Routines

- Number Talk

LESSON TIMELINE | 60 MINUTES

Warm-Up 10 MINUTES	Activity 1 15 MINUTES	Activity 2 20 MINUTES	Lesson Synthesis 10 MINUTES	Cool-Down 5 MINUTES
		A digital math tool is available in Kiddom for this activity.		

Lesson Narrative

In previous grades, students learned to collect, categorize, and represent data using tally marks, tables, pictographs, and bar graphs with intervals of one, five, or ten.

In this lesson, students review a **scaled pictograph**, which is a pictograph where each picture represents an amount other than 1. Students read, interpret, and answer questions about scaled pictographs with a scale of 2 and 5. They also generate questions that can be answered by these graphs.

Math Community

Prepare a space, such as a piece of poster paper, titled "Math Community" and a T-chart with the headers "Doing Math" and "Norms." Partition each of the columns into two sections: students and teacher. The two sections encourage the students and teachers to be mindful that both respective parties are responsible for the way math is being done in the classroom.



**Access for Students
with Disabilities**

Representation



**Access for English
Language Learners**

MLR8

Shown: Grade 3, Unit 1, Lesson 1.
Every Kiddom Florida Math
Teacher Guide, K-5, uses the
same parts.

Anatomy of a lesson

Every lesson is built from the same parts. Here they are in teaching order, on real pages from Grade 3, Unit 1, Lesson 1.

Lesson opener

Before class

1

2

3

4

5

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MA.3.DP.1.2

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Learning Goals

- Comprehend (in spoken language) the meaning of the term "scaled pictograph."
- Interpret scaled pictographs and ask questions (orally and in writing) about the data.

Student-Facing Learning Goals

Let's explore scaled pictographs.

Grade 3 | Unit 1 | Scaled Pictographs 19

- Standards Addressing, Vocabulary, Instructional Routines**
The benchmarks and MTRs, the words students will meet, and the routines you will run.
- Lesson Timeline**
Sixty minutes, part by part. The laptop flag marks a digital math tool in Kiddom.
- Lesson Narrative**
What students already know, what they do today, and why.
- Access for Students with Disabilities · Access for English Language Learners**
The supports built into today's activities, at a glance.
- Learning Goals and Student-Facing Learning Goals**
Your goals, then the "Let's..." goal students see.

Warm-up

10 minutes

6

7

8

WARM-UP | 10 MINUTES

Addition

Vocabulary

none

Instructional Routines

• Number Talk

The sequence of problems in a Number Talk encourages students to look for structure and use repeated reasoning to evaluate expressions and develop computational fluency (MTR5 and MTR3). As students share their strategies, they make connections and build on one another's ideas, developing conceptual understanding.

Activity Narrative

The purpose of this Number Talk is to elicit strategies and understandings students have for adding within 100.

These understandings help students develop fluency and will be helpful later in this lesson when students need to add to find the total number of students represented in a picture graph. When students use strategies based on place value to add, they look for and make use of structure (MTR5).

This is the first time students experience the *Number Talk* routine in IM Grade 3. Students should be familiar with this routine from a previous grade. However, they may benefit from a brief review of the steps involved.

Math Thinking and Reasoning

In this activity, students will apply MTR3 by using repeated reasoning to evaluate addition problems and select efficient mental calculation strategies during the Number Talk. By practicing flexible and accurate addition methods, students build confidence and adopt their strategies to solve similar problems effectively.

Students will apply MTR5 by looking for and using place value patterns and structure as they share and discuss strategies for adding numbers within 100 during the Number Talk.

As students explain their thinking and build on others' ideas, they develop computational fluency and deepen their understanding of addition by focusing on the relevant place value details in each problem.

Launch

- Display the first expression.
- SAY:** "Give me a signal when you have an answer and can explain how you got it."
- 1 minute:** quiet think time

Activity

- Record answers and strategies.
- Keep expressions and work displayed.
- Repeat with each expression.

Grade 3 | Unit 1 | Scaled Pictographs 21

- Instructional Routines, explained**
Named and, on first use, explained: what students do and which MTRs it builds.
- Activity Narrative and Math Thinking and Reasoning**
The purpose in one bold sentence, then the MTRs students practice.
- Launch, Activity, Activity Synthesis**
The warm-up runs in three moves. SAY and ASK in blue are your words. Bold timings pace the room.

Where the book points to Kiddom

Every lesson is also in Kiddom, ready to teach, assign, or print. Three cues on the page show where the digital side adds something.

Activity 2 20 MINUTES

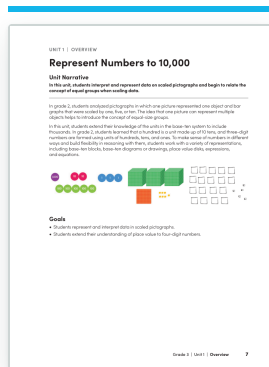
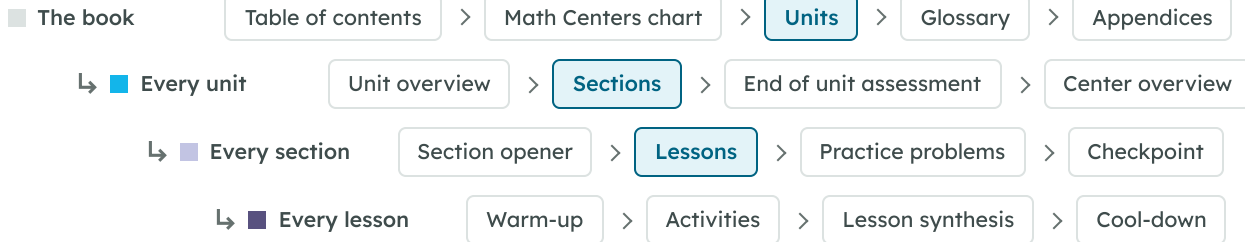
A digital math tool is available in Kiddom for this activity.

Digital math tool

The laptop flag marks an activity with an interactive math tool in Kiddom.

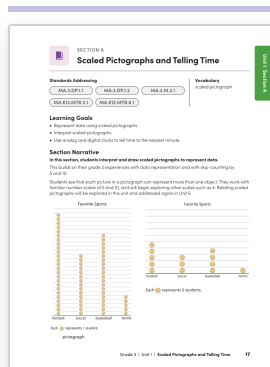
Book organization at a glance

Every unit follows the same sequence. Once you know one unit, you know them all.



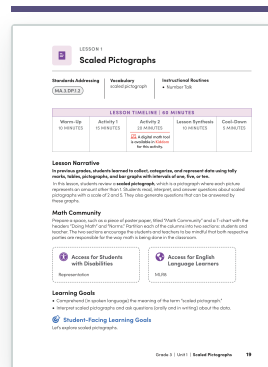
Unit overview

The unit narrative, its goals, and the materials to gather.



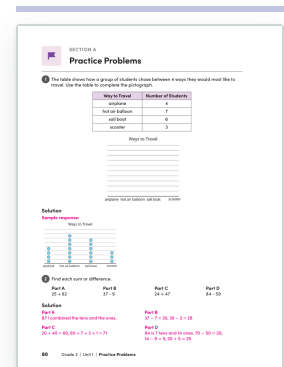
Section opener

Standards, vocabulary, goals, and the section narrative.



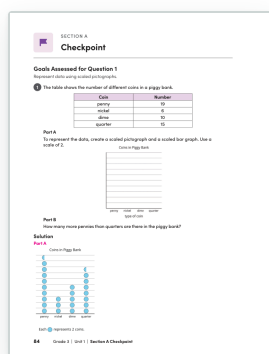
Lessons

The pages shown on the inside of this guide.



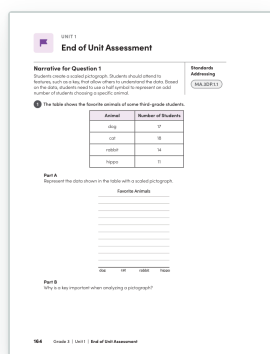
Practice problems

A problem set for each section, with solutions in magenta.



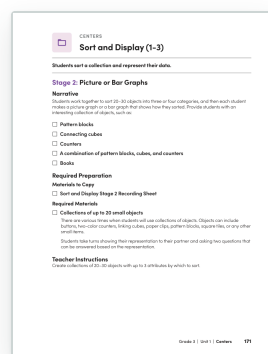
Checkpoint

A short section assessment, with Next Section Support.



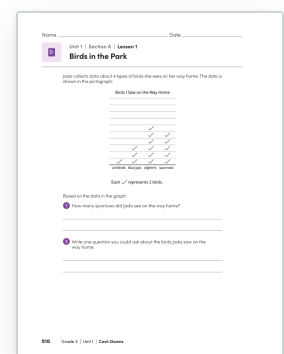
End of unit assessment

Teacher pages for each item, with Next Unit Support.



Center overview

Setup for each center stage: narrative, materials, teacher notes.



Appendices

Copy-ready cool-downs, assessments, and blackline masters.

Marks to know

Lesson pages

Activities

Assessment pages

Centers

Digital math tool in Kiddom

Made to be cut out

Answers and sample responses

Teacher talk: SAY and ASK