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Management Guide





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Using Summer Scholars

How to Use This Resource

The *Summer Scholars Mathematics* curriculum has been designed to meet the needs of summer learning programs. Scaffolded lessons, mathematical discourse, and STEAM activities are presented in a flexible format to make learning (and teaching) fun and effective for everyone.

What's Included?

Teacher's Guide



The daily lessons enhance instruction with research-based mathematics instructional practices.

Student Guided Practice Book



This book encourages students' mathematical fluency with multiple opportunities to apply learning.

Management Guide



This guide helps teachers plan effectively with flexible lesson pacing and a scope and sequence designed specifically for varied summer settings.

12 Mathematical Discourse Task Cards



These cards provide rich problem-solving tasks for students to solve and discuss collaboratively. They are provided in both print and digital format.

Smithsonian STEAM Readers



These books and the included STEAM challenges foster content-area literacy and encourage students to collaboratively solve real-world problems.

Digital Resources



These resources increase student engagement and enhance instruction. Family Engagement Letters are provided for a strong school-home connection.

Classroom Library with 10 Books



These mathematics- and science-focused books inspire curiosity and a love of reading.

How to Use This Resource (cont.)

Scaffolded Mathematics Instruction

The student-centered Gradual Release of Responsibility model is embedded into each of the mathematics lessons. Within every two-day lesson, the responsibility shifts from the teacher (I Do) to the student (You Do).



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How to Use This Resource (cont.)

Mathematical Discourse Task Cards

The Mathematical Discourse Task Cards present rich math problems for students to solve and discuss collaboratively. The three mathematical discourse routines walk students through the problem-solving process.



How to Use This Resource (cont.)

STEAM Challenges

There are five STEAM Challenges included in each level of *Summer Scholars*. Each challenge is completed over five days to give students ample time to investigate, test, and retest their ideas. In addition to meeting specific criteria, students are also challenged to improve their work over the five days.



GUMMER Scholars **Mathematics Rising 1st Grade Grade Level Details**

	Mathematics Sk	ills and Concepts	Problem-Solving	g and Discourse	STE	AM
	60–65 min	utes per day	10–15 minu	utes per day	45 minute	es per day
	Mathematics Focus	Standards	Mathematical Practice and Card Title	Standard	Challenge Title and STEAM Step	Standard
Day 1	Emotiv lar	Understand the relationship between numbers and quantities.	Think Using Quantities	Make sense of quantities and their relations in	<i>Staying Afloat</i> Define the Problem	Make sense of problems
Day 2		Represent a group of objects with a written numeral.	"Smiley Stickers"	problems.	Staying Afloat Design	and evaluate solutions.
Day 3		Use number names and counting sequence to	Use Tools Strategically	Consider and use	<i>Staying Afloat</i> Build and Test	Apply mathematics to solve problems arising in
Day 4	- Chart Away	count forward within 100.	"Comparing Cubes"	available tools when solving problems.	Staying Afloat Improve	everyday life, society, and the workplace.
Day 5		Demonstrate understanding that		Use assumptions,	<i>Staying Afloat</i> Reflect and Share	Make sense of problems and plan, solve, justify, and evaluate solutions.
Day 6	Chant Forward	the last number name said tells the number of objects counted. Starting at a given number, count forward within 100.	Construct and Critique Arguments "Bena's Birds"	definitions, and previously established results to construct arguments.	<i>Objects in Motion</i> Learn Content, Understand the Challenge, and Brainstorm	Explore how objects move and what happens when they collide.
Day 7	Build a Number	Recite number names to 100. Generate a number	Generalize Your Thinking	Look for and express regularity in repeated	<i>Objects in Motion</i> Design and Build	Apply mathematics to solve problems arising in
Day 8		that is one more or one less within 20.	"Up Next"	reasoning.	<i>Objects in Motion</i> Test and Reflect	everyday life, society, and the workplace.

Grade Level Details

Rising 1st Grade Scope and Sequence

AddressAddressProblem-Solving and Discoults60–65 minutes per day10–15 minutes per dayAathematicsStandardsMathematicalFocusStandardsPractice and CardFocusTitleStandardsaning Numbers: ICount and compare sets of objects within 20 using less than, and equal to.Think Using Quantities "Bunch of Balloons"Make sense of and their relatio problems.	iills and ConceptsProblem-Solving and Discoutives per dayutes per day10–15 minutes per dayStandardsMathematicalStandardsPractice and CardTitleTitleCount and compare sets of objects within 20 using less than, greater than, and equal to.	Problem-Solving and Discou 10–15 minutes per day Mathematical Practice and Card Title Title Think Using Quantities "Bunch of Balloons"	y and Discou tes per day Standa Make sense of q and their relatio problems.	uantities nships in	STE 45 minute Challenge Title and STEAM Step Objects in Motion Redesign and Rebuild	AM s per day Standard Make sense of problems and plan, solve, justify, and evaluate solutions.
than, and equal to.	than, and equal to.				<i>Objects in Motion</i> Retest and Share	2
Columnities	Columnation Columnation	Think I Ising Outantities		Make sense of quantities	Playing with Wind Define the Problem	Make sense of probl and plan, solve, justi and evaluate solutic
ng Stories and represent "Dots on Cubes" addition within 10. "Dots on Cubes"	addition within 10. "Dots on Cubes"	"Dots on Cubes"		and their relationships in problems.	Playing with Wind Design	Use appropriate tools, including real objects and techniques, to solv problems.
Solve and represent Think Using Quantities	Solve and represent Think Using Quantities	Think Using Quantities		Make sense of quantities	<i>Playing with Wind</i> Build and Test	Apply mathematics to solve problems arising i
and subtract subtraction within 10. "Windy Day"	subtraction within 10. "Windy Day"	"Windy Day"		and their relationships in problems.	Playing with Wind Improve	everyday life, society, ar the workplace.
Compose and	Compose and				<i>Playing with Wind</i> Reflect and Share	Make sense of problem and plan, solve, justify, and evaluate solutions.
decompose numbers Use Tools Strategically within 10. Solve addition "Math and Science and subtraction word Books" problems within 10.	decompose numbers Use Tools Strategically within 10. Solve addition "Math and Science and subtraction word Books" problems within 10.	Use Tools Strategically "Math and Science Books"		Consider and use available tools when solving problems.	<i>Properties of Matter</i> Learn Content, Understand the Challenge, and Brainstorm	ldentify physical characteristics and properties of objects an materials.

Rising 1st Grade Scope and Sequence (cont.)

Grade Level Details

Rising 1st Grade Scope and Sequence

	Mathematics Ski 60–65 minu	ills and Concepts Ltes per day	Problem-Solving 10–15 minu	g and Discourse Ites per day	STE 45 minute	AM es per day
	Mathematics Focus	Standards	Mathematical Practice and Card Title	Standard	Challenge Title and STEAM Step	Standard
Day 17	Shake Shake Shakel	Decompose numbers Less than or equal to 10 in	Analyze the Structure	Observe closely to discern a nattern or	<i>Properties of Matter</i> Design and Build	Apply mathematics to solve problems arising in
Day 18		one or more ways.	"Bailey's Balloons"	structure in a problem.	<i>Properties of Matter</i> Test and Reflect	everyday life, society, and the workplace.
Day 19	Teen Numbers	Use concrete and pictorial models to	Construct and Critique Arguments	Use assumptions, definitions, and previously established	Properties of Matter Redesign and Rebuild	Make sense of problems and plan, solve, justify,
Day 20		represent writore numbers within 20.	"Tens and Ones"	results to construct arguments.	Properties of Matter Retest and Share	and evaluate solutions.
Day 21		Compose and	Generalize Vaur Thinkina	Look for and express	Folding Paper Define the Problem	Make sense of problems and plan, solve, justify, and evaluate solutions.
Day 22	Make a Teen	decompose numbers within 20 using tens and ones.	"Counting with Koi"	regularity in repeated reasoning.	<i>Folding Paper</i> Design	Correctly name shapes regardless of their orientations or overall sizes.
Day 23		Collect, classify, and	Generalize Your Thinking	Look for and express	<i>Folding Paper</i> Build and Test	Apply mathematics to solve problems arising in
Day 24	Sort and Count	sort objects into given categories.	"Sorting Shapes"	regularity in repeated reasoning.	Folding Paper Improve	everyday life, society, and the workplace.
Day 25	Culminating Activity				<i>Folding Paper</i> Reflect and Share	Make sense of problems and plan, solve, justify, and evaluate solutions.

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Rising 1st Grade STEAM Challenges and Materials

This chart includes descriptions and needed materials for the five STEAM Challenges.

Challenge Name	Description	Materials
<i>Staying Afloat</i> (reader)	Teams make boats that stay afloat for at least five minutes.	 aluminum foil bucket, kiddie pool, or other container paper tape
Objects in Motion	Groups make toy wrecking balls.	 building blocks (5-10) foil paper towel tubes (4-6) plastic and/ or paper cups (5-10) the yards (1+ meters) string toy cars (2) paper bowls/ cups
<i>Playing with Wind</i> (reader)	Teams make devices to see which way the wind blows.	 chenille sticks craft sticks tape dowels or sticks tissue paper paper cups stapler
Properties of Matter	Groups build towers as tall as they can.	 buttons (8) modeling clay (homemade option: 1 part baby lotion to two parts cornstarch) straws, cut into thirds (5)
Folding Paper (reader)	Teams design and fold envelopes.	 envelope paper examples tape glue

Rising 1st Grade Classroom Library Information

This chart includes important information about the books included in the classroom library.

Book Title	Lexile® Measure	*Guided Reading Level	Summary
Tails: Measurement	130L	E	Some tails are long. Some tails are short. Measure to find out whose tail is whose.
Baby Animals	10L	LB	It is time to learn about baby animals.
Birdhouses: Shapes	170L	D	Some birdhouses have circles. Some have squares. What 2-D shapes do you see in this birdhouse?
Growing Up	140L	E	It is time to learn how living things grow and change.
Here Comes the Sun	90L	С	It is time to learn about the sun.
Find the Money: Financial Literacy	170L	E	Every coin has a value. What is its value? Learn about coins and what you can do with them.
Vet: Comparing Groups	100L	D	Vets are doctors. They take care of animals. Compare groups of vets and animals.
Too Much Trash!	20L	С	It is time to learn about keeping Earth clean.
Camping: 2-D Shapes	90L	С	You can see shapes all around you when you camp. Take a look at some 2-D shapes!
What Is the Weather?	160L	С	It is time to learn about weather.

*These titles have been officially leveled using the F&P Text Level Gradient™ Leveling System.



Teacher's Guide

Rising 1st Grade



Days 3–4 Overview

Chart Away

Learning Outcome

• Count to 100 by tens.

Focus

The following lesson will address this focus question: *How can we use a hundreds chart to count by tens?* You may wish to write the focus question on the board or on chart paper and read it aloud to students.

Student Misconception

Some students may have difficulty keeping track of a number that has already been counted and may try to recount, starting the counting sequence over again. Some students may not recognize correct number patterns or may invent incorrect number patterns such as twenty-eight, twenty-nine, twenty-ten.

Mathematical Discourse

Learning Outcome

• Use appropriate tools strategically to solve problems. Understand that tools can be physical like a ruler or mental such as strategic thinking.

Staying Afloat

Learning Outcome

• Build and test a boat.

Materials

- Student Guided Practice Book (pages 16–27)
- Comparing Cubes task card
- Staying Afloat book
- numeral cards (numeral.pdf)
- hundreds chart (hundchart.pdf)

Materials per STEAM Group

- aluminum foil
- bucket, kiddie pool, or other container
- paper
- paper bowls/cups

- dot cards (dotcards.pdf)
- teddy bears counters (or other small counters)
- paper bags
- connecting cubes
- crayons or markers
- plastic straws
- stapler
- tape

Warm-Up 🎬 🗓

- **1.** Invite students to sit in a circle around you.
- 2. Say, "I have teddy bear (or other) counters, and I am going to practice counting them." Drop three teddy bear counters into a paper bag one by one.
- 3. Invite students to count along as you drop each teddy bear counter into the bag. Say, "Count with me: 1, 2, 3. We dropped three teddy bear counters into the bag."
- **4.** Say, "Now, let's empty the bag and count the teddy bear counters that come out." Empty the bag with the teddy bear counters inside.
- **5.** Say, "Count with me: 1, 2, 3. We emptied three counters out of the bag."
- 6. Next, provide students with paper bags, and have them practice dropping teddy bear counters into their own bags and emptying the bags again.
- 7. Say, "Drop four teddy bear counters into your bag. Let's count together: 1, 2, 3, 4. Now, empty your bag and count the teddy bear counters: 1, 2, 3, 4." Repeat this process several times with one, two, and five teddy bear counters.
- 8. Say, "Today, we will practice counting to 100."

Language and Vocabulary

- 1. Print *Numeral Cards* from the digital resources. Post the decade numeral cards (10, 20, 30, 40, 50, 60, 70, 80, 90, 100). Explain that *decades* are numbers that represent a group of 10, or tens.
- 2. Say the decade number names aloud.
- **3.** Have students chant the number names of the decades with you, beginning with 10, 20, 30, and up to 100.



- 1. Say, "Today, we'll use a hundreds chart to count by tens." Model using a large hundreds chart, or use the *Hundreds Chart* from the digital resources.
- 2. Say, "First, let's count to 10 together. Count with me as I point: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10. We counted 10 numbers on the chart." Point to and circle the *10* on the hundreds chart.
- 3. Say, "There are 10 numbers in this row. How many numbers do you think will be in the next row?" (10) "How many numbers do you think will be in the row after that? I'm sure it will be 10 again. On the hundreds chart, we can count by ones and tens. We can count by tens because each row has 10; so, instead of counting each number, we can count each row."

Support for Language Learners: As you model, emphasize the number names, especially the decade terms. Reinforce students' understanding by asking them to count by tens to 100. Refer them to the numeral cards and hundreds chart.

- **4.** Say, "Let's look at the numbers in the tens column."
- 5. Say, "Let's count by tens, moving down the column starting with 10. Count with me: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100. We counted to 100 by tens." As you count by tens, move your finger across each row of the decade term you are counting. Students should see that you are counting across 10 more numbers at each decade.

6. Say, "What do you notice about counting by tens?" (*Counting by tens is faster and has a pattern.*)

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

We Do (15)

- 1. Display *Chart Counting* from page 16 of the *Student Guided Practice Book*. Say, "We'll use the hundreds chart to count by tens."
- 2. Pair students and say, "Who can explain where to find the tens on the hundreds chart? Turn and show your partner." Invite a student to share where to find the tens on the hundreds chart.
- **3.** Say, "Let's place a cube on each ten as we count." Start at the top with the number 10, mark it, and continue counting together to 40.
- **4.** Say, "Now, we will count together by tens to 100: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100. Turn to your partner and tell how you counted to 100."

You Do 🖁 🗓

- 1. Have students complete *Point and Count* from page 17 of the *Student Guided Practice Book*. Tell students they will take turns with partners to count to 100 by tens.
- 2. Allow time for students to share what they noticed about counting by tens. Students may say counting by tens is faster than counting by ones.

Use Tools Strategically



Understand the Strategy

The Use Tools Strategically practice/process stems from use appropriate tools strategically. As this practice/process is introduced, it is important that students understand that tools are not always physical. Tools can be as simple as mental math or using your brain. The word strategically is emphasized because sometimes mathematicians do not have access to the most appropriate tools and must rely on their strategic thinking to identify replacement tools. For example, if a ruler or tape measure is not available to measure the length of something, sticky notes or blank paper could be used to get approximate measurements. Those might not be the most appropriate tools, but with strategic thinking, the item can be measured. In these tasks, suggested tools are offered for students to consider using. Sometimes, the tasks don't allow students to use traditional tools. This forces them to think strategically.

Procedure 🎬 🗓

- 1. Display the *Comparing Cubes* task card, and read aloud the text. Remind students to use the Understand and Plan, Share and Discuss, and Reflect and Write routines as they complete the task. Review these routines if needed. (See pages 21–26 in the *Management Guide*.)
- 2. Allow time for students to collaborate with partners as they follow the routines and work through the task from pages 18–19 of the *Student Guided Practice Book*. (Students will complete the extension on the next day.)

Answer: Taro is incorrect. They have the same amount because 14 ones = 1 ten 4 ones.

Possible Misconception: Because Taro's cubes are arranged in towers, students might think he has more simply because of the height of the towers.

Language Support

- Tier 3: cubes
- Tier 2: towers, tool
- Tier 1: more

Scaffolding

Provide 28 cubes for students. Ask them to put these cubes in two equal groups. Have students then compare the number of cubes by taking one cube from each pile and lining them up. Repeat until all the cubes have been matched.

Staying Afloat

Materials and Preparation

• Prepare all materials for the STEAM Challenge (aluminum foil, bucket or other container, paper, paper bowls/cups, plastic straws, stapler, tape).

Read Aloud 🚟

- **1.** Review the information from the previous day's read-aloud.
- 2. Play the *Staying Afloat* audiobook located in the digital resources library. Pause periodically to discuss any questions students may have.

Build 🛱 🙆

- Have groups review their *Team Plans* activity sheets from the previous day. Explain to students that when they build their models, they must follow their design plans. Reassure them they will have an opportunity to change and improve their design plans after they present them. Review classroom expectations for working with materials. Then, give teams time to gather materials and build boats.
- 2. Have students complete *Think about It* from page 20 of the *Student Guided Practice Book*. Explain that reflection is an important part of the engineering design process. Read aloud numbers 1 and 2 on the activity sheet, and have students mark their responses. Ask volunteers to share.

Test 🗰 🗓

- Gather teams for testing. Explain that teams will offer feedback after the test. Use *Friendly Feedback* from page 21 of the *Student Guided Practice Book* to review best practices for giving feedback.
- 2. Have students use *Toy Boat Test Results* from page 22 of the *Student Guided Practice Book* to record their results as a team. Allow teams to present their floating devices. Ask volunteers to give friendly feedback.
- **3.** Ask students to reflect on their observations of other groups as well. Use the following questions to guide the discussion: What designs worked well? Why? What materials worked best for the challenge? Why? After watching the other floating devices, what designs and materials would you use if you could do the challenge again?
- 4. To further challenge students, ask students to identify other types of floating devices people use or places they like to float. Discuss the different types of designs that have to be created for each purpose. Discuss what would happen if something that was supposed to float did not float.

Progress Monitoring 🖁 5

- 1. Have students complete the *Quick Check* from page 23 of the *Student Guided Practice Book* to gauge student progress toward mastery of the learning outcomes.
- 2. Based on the results of the *Quick Check* and your observations during the lesson, identify students who may benefit from additional instruction in the learning outcomes. These students should be placed into a small group for reteaching.

Rotations 🛱 🖁 🗓

Place students in two groups. Work with one group on the Refocus activity while the other group is completing the Practice activity. Rotate after 15 minutes. Work with the second group on the Extend activity while the first group completes the Practice activity.

Refocus 🗰

- Revisit the focus question for the lesson: How can we use a hundreds chart to count by tens? Say, "Today, we will use a hundreds chart to count by tens to 100." Explain that each row on the chart represents a group of 10, or a ten. Tell students that since there are 10 numbers in each row, each column represents another ten. Say, "Let's count by tens to 100 while looking at the hundreds chart. Count with me: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100." Invite a student to lead in counting by tens to 100. Students will then work with partners to count by tens to 100, coloring each ten. Have students take turns counting.
- 2. Support students as they complete *Refocus* from page 24 of the *Student Guided Practice Book.* Say, "Let's look at the problem together." Invite a student to share where to begin counting by tens on the hundreds chart. As students count by tens, ask, "What number comes next?" Continue counting by tens to 100.

Extend 🗰

- 1. Support students as they complete the *Extend Learning Task* from page 25 of the *Student Guided Practice Book.*
- 2. Students will further practice counting by tens to 100 by counting with dot cards. Be sure students have an understanding of decade counting.

Practice ທິ

• Extension Group Practice: Have students complete Independent Practice from page 26 of the Student Guided Practice Book to reinforce their learning.

Math in the Real World

- Display Math in the Real World: Feed the Animals from page 27 of the Student Guided Practice Book. Read the task aloud: Fido's family gives him bones as treats. Fido gets the bones in groups of 10. How many bones does Fido have? Hint: Count in groups of 10.
- 2. Ask students to think about what information they need to solve the task and what the task is asking them to do. Ask students to work with partners. Then, invite a few students to share their thinking aloud.
- **3.** Have students work in pairs to complete the *Math in the Real World: Feed the Animals* activity sheet.
- **4.** As students are working, circulate and ask focusing, assessing, and advancing questions:
 - What do we know about Fido?
 - What are we trying to find out about the bones?
 - How can you explain your reasoning?

Support for Language Learners:

- I can use _____ to help me solve this problem.
- There are _____ bones.
- I can solve this problem by _____
- 5. Observe how students are solving the task, and choose a few groups who solved the problem in different ways to share their solutions and reasoning. Try to have the solutions move from concrete representations to more abstract representations. Make sure students explain their reasoning as they are sharing their solutions.
- **6.** As groups are sharing their solution paths, reasoning, and strategies, ask questions:
 - How is this strategy similar to one we have seen in a previous task?
 - Do you agree or disagree with the solution path and reasoning? Why?

Use Tools Strategically

Mathematical Discourse Card Extension $\overline{\mathfrak{m}}$

- **1.** Allow time for student to complete the routines for the *Comparing Cubes* task from the previous day.
- **2.** Have students work in pairs to complete the extension.
 - Taro now has 23 cubes. He wants to put them in towers of 10 cubes. How many towers can he make? (*2 full towers*)

STEAM Challenge

Staying Afloat

Materials and Preparation

- Review all designs.
- Prepare supplies for rebuilding (aluminum foil, bucket or other container, paper, paper bowls/cups, plastic straws, stapler, tape).

Read Aloud ()

1. Review the information from the previous day's read-aloud.

Improve 🎬 🍓

- **1.** Have groups review the feedback they received on the previous day of instruction.
- 2. Provide time for teams to brainstorm ways to improve their designs based on test results and feedback. Refer students back to their *Team Plans* activity sheets. Ask them to sketch their improved designs and explain any changes. Have students submit improved designs for approval before building.
- **3.** Have teams gather materials to improve their designs. Then, have them retest their floating devices.
- **4.** Have students complete numbers 3 and 4 on *Think about It* from page 20 of the *Student Guided Practice Book.*



Cuaderno de prácticas guiadas para el estudiante

Rumbo a 1.^{er} grado

Día 3

Contemos con tablas

Instrucciones: Cuenta usando la tabla de centenas.

Cuenta por decenas hasta 40.

2 Cuenta hasta 100 por decenas.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Señala y cuenta

Instrucciones: Colorea las decenas mientras las cuentas.

Cuenta por decenas hasta 20.

2 Cuenta por decenas hasta 50.

3 Cuenta por decenas hasta 100.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Mira los cubos. Taro dice: "Tengo más porque tengo 1 decena". ¿Taro tiene razón? Usa una herramienta como ayuda.



18

Usa herramientas estratégicamente



Nom	ore:
-----	------

Fecha:

Piénsalo

Instrucciones: Tilda *sí* o *no*. Encierra las palabras. Completa los espacios en blanco.

1. 2.	En mi equipo nos escuchamos. 🛛 sí 🖓 no Di ideas para el diseño. 🖓 sí 🖓 no
3.	Nuestro primer plan (funcionó/no funcionó) porque
4.	Nuestro segundo plan tue (mejor/peor).
5.	Aprendí
6.	Fue difícil cuando

Crítica constructiva

Instrucciones: Haz preguntas. Da ideas. Usa estas oraciones para empezar.



Día

ω

Botes de juguete:

resultados de las pruebas

Instrucciones: Marca la tabla de la prueba sobre los botes de juguete. Encierra *sí* o *no*.

Equipo	SI pc	ote flota?	¿Flota cinco minutos?			
I	SÍ	no	SÍ	no		
2	SÍ	no	SÍ	no		
3	SÍ	no	SÍ	no		
4	SÍ	no	SÍ	no		

Dibuja el mejor bote de juguete.



Instrucciones: Cuenta hasta 100 por decenas. Colorea las decenas con un color diferente.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



Instrucciones: Cuenta hasta 100 por decenas. Encierra en un círculo las decenas mientras cuentas.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Nombre: ______ Fecha: ______

Tarea de aprendizaje continuo

Instrucciones: Cuenta los puntos. Después, completa el marco de la oración.



2 Conté hasta 100 por decenas. Usé _____ tarjetas para llegar a 100.

Práctica independiente

Instrucciones: Toma turnos con un compañero para formar grupos de 10 con fichas.

1 For	1 Forma 2 grupos de 10.					3 Forma 4 grupos de 10.					
2 For	Forma 3 grupos de 10.				4 Forma 5 grupos de 10.						

Matemáticas en el mundo real Alimenta los animales

La familia de Fido le da huesos como premios. Le dan los huesos en grupos de 10. ¿Cuántos huesos tiene Fido? **Pista:** Cuenta en grupos de decenas.



Resuélvelo

