

Welcome to Snappet Math!

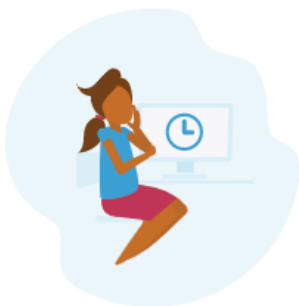
Where teachers
make the difference



In-Person. Remote. Hybrid

Snappet is a **K-5 digital core math** program that embeds formative assessment, differentiated instruction, and adaptive learning all in one place. Our lessons are aligned to individual state standards and can be delivered in-person, remotely, or in a hybrid model.

Teacher-facilitated Instruction with real-time feedback



At Snappet, we believe teachers are the experts and understand best how to make instructional decisions with their students. Our lesson delivery method saves teachers time and puts them in control of their instruction with active involvement in their students' work. The Snappet method gives teachers real-time feedback on the learning progress of every student during the lesson. [Take a tour](#)

Personalized and Adaptive Learning



Formative Assessment is ongoing in the Snappet Method and guides individualized learning for students. Our adaptive technology meets students where they are and personalizes their practice to increase success for students at all levels: on, above, or below grade level.

Flexible teaching delivery



With the Snappet program you can teach from anywhere! Our program has proven effectiveness in classrooms that are in-person, virtual, or hybrid. You can have the confidence that your teachers and students will be successful no matter where they are. [Take a tour](#)

More than 85% of TEACHERS recommend Snappet to other schools

What do educators have to say?

Automatic Differentiated Instruction

"I love how Snappet differentiates instruction for me with the adaptive exercises. It's a huge time-saver that I don't have to differentiate everything myself."

Teacher, NYC District #30, New York

96% Pass Rate

"The student engagement has elevated because of the adaptability in Snappet. The results of our most recent midterm exam is a 96% pass rate. I give the credit to Snappet as the reason for the success."

Second grade teacher, Dallas Independent School District, Texas

Building Student Growth

"As we use Snappet with our second graders, we are seeing how closely this program supports our goals for building student growth."

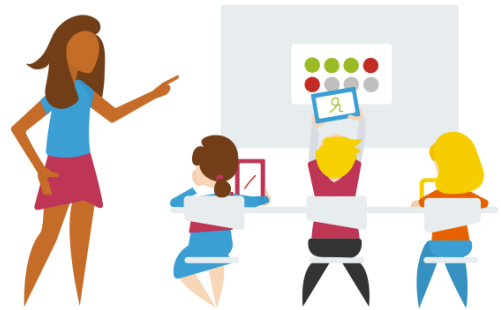
Principal, Broward County, Florida

The Snappet Method

Snappet, a fully digital K-5 core math solution, allows teachers to **monitor student progress in real-time** as they progress through the program.

Embedded and ongoing **formative assessment** gives teachers the data they need to inform their instruction. The data dashboard makes it easy to monitor and analyze student progress **saving teachers time** to focus on instruction.

Differentiated instruction and **adaptive learning technology** allows teachers to personalize learning for every student at every level. The Snappet A.I. engine constantly adapts the pace of learning providing a unique **personalized learning** path for each student.



How does the Snappet Method work?

Instruction

Set 1
On Level



Whole group instruction and guided practice

Teacher facilitated instruction is done by using the ready-made guided example problems that provide **real-time student feedback**.

Practice

Set 2
On Level



Independent practice

Students work on independent practice problems while the teacher monitors their progress. The teacher can see how every student responds in real-time and **intervene with small group instruction** when necessary.

Small group instruction

Set 3
Below level



Guided practice & independent practice

Ready-made lessons the teacher can use with students that are struggling or stuck on the learning objective. Discussion cards are written at a **Tier 2** instructional level.

Practice +

Plus
Adaptive Level



Independent practice

Adaptive learning exercises that **personalize practice** by adjusting the difficulty level to meet the need of each student's performance level. Students progress at their own pace as the program continually calculates individual ability levels based on their responses.

Lesson Preparation

Teachers can easily select the lesson plan they want to teach from the Table of Contents.

The screenshot shows the Snappet Math Grade 2 interface. At the top, there is a navigation bar with 'Math' selected, and tabs for 'Teach', 'Monitor', and 'Review'. The main content area is titled 'Snappet Math Grade 2' and contains a list of chapters with their respective topics and status indicators.

Chapter	Topic	Status
Chapter 1	Number Concepts	Off
Chapter 2	Numbers to 1,000	Off
Chapter 3	Basic Facts and Relationships	Off
Chapter 4	2-Digit Addition	On
Chapter 5	2-Digit Subtraction	Off

Lesson Preparation

Teachers can see predictive data in the color bar (learning continuum). Each dot represents a learning progress on the learning objective.

- **Dark blue** = Target Reached
- **Light blue** = Growing toward target
- **Yellow** = Stuck

14
Chapter 4 2-Digit Addition
Learning objective cards
1

Lesson 4-1 > #105

We will solve problems, such as $45+7$ and $83-5$, using a model

Using the unit cubes to model a two equation. What is the new number on the bar?

 $40 + 5 = 7$
 $40 + 5 = 7$
 $40 = \square + \square$

Show how you make a ten and complete the sum.

 $40 + 7 = 7$
 $40 + 7 = 7$
 $40 = \square + \square$

Using the unit cubes to model a two equation. What is the new number on the bar?

 $40 + 7 = 7$
 $40 + 7 = 7$
 $40 = \square + \square$

BL EB HC JA SJ SM OS AW EO JM MT NF CD CL DO EJ JE KW LE LJ LW MS NG NS

LuK

Lesson 4-2 > #109

We will solve problems, such as $35+23$, using decomposing

$30 + 20 = 7$
(Change 10 into 20)

$40 + 20 = \square$

$30 + 20 = 7$
Which equation gives the same amount?

$50 + 30$ $50 + 30$

$50 + 30$ $50 + 30$

$20 + 10 = 7$
(Change 10 into 20)

$30 + 20 = \square$

AW BL CD DO EB EJ EO HC JA JE JM KW LE LJ LW MS MT NF NG NS SJ SM CL LuK

OS

Lesson Preparation

Lesson plans, question cards, and data are provided for teachers to plan their whole group instructions, independent practice, and small group instruction. Discussion cards are group by learning phases that scaffold in difficulty.

Subdomain
Addition and subtraction to 100



Solve problems, such as $35+27$ and $73-45$, using a model

#110

Show learning path

Chapter 4

< Lesson 4-4 >

Lesson manual & assets

Instruction & guided practice



Independent practice



Small group instruction



Some students could skip this lesson or instruction

Start instruction & Resend

Instruction & guided practice (6)

[Introduce the learning objective](#) [Activate prior knowledge](#)

[Student discovery using manipulative in an actual situation](#)

1 *Students will learn to regroup in addition.*

tens	ones
3	8
1	5

$38 + 15 =$

1a Add 37 and 8.

tens	ones
3	7
0	8

Are there enough ones to make a ten?

- Yes, there are more than 10 ones.
- Yes, there are exactly 10 ones.
- No, there are less than 10 ones.

1b To add 37 and 8, trade 10 ones to 1 ten.

Result

tens	ones
3	7
0	8

ten(s) and one(s)

1c Add 36 and 23.

tens	ones
3	6
2	3

ten(s) and one(s)

1d Add 28 and 14.

tens	ones
2	8
1	4

ten(s) and one(s)

1e Use your own blocks. If possible, regroup 10 ones as 1 ten.

Add 52 and 26.

ten(s) and one(s)

Instruction & guided practice

Teachers can monitor student responses during the lesson delivery by getting **real-time feedback** from the entire class. Teacher now have the insight into misunderstandings as they happen and can reteach or accelerate when appropriate.

The screenshot displays the Snappet interface for a math lesson. The main content area shows a problem labeled "1c": "Add 36 and 23." A "Hint" button is visible. Below the problem is a base ten block model with two columns: "tens" and "ones". The "tens" column contains three blue rods representing 30. The "ones" column contains two orange grids, each with five blue cubes representing 20. Below the model is a response area with input boxes: " ten(s) and one(s)" and a separate box for the sum.

On the right side, there is a student response grid consisting of 15 colored circles (red, green, yellow) and 15 student initials (LuK, LW, LJ, MS, NG, NF, NS, OS, SJ, SM) arranged in three rows of five.

The bottom of the interface features a navigation bar with icons for "Prepare", "Instruct", "Monitor", and "Results". Below this is a "Close" button and a "Small group instruction" button. A series of six thumbnail cards at the bottom represent different slides in the lesson, labeled 1, 1a, 1b, 1c, 1d, and 1e, with 1c being the current slide.

Small Group Instruction

After working on this learning objective with whole group instruction or with select students, Snappet identifies which students would benefit from small group instruction. Small group instruction question cards are designed at a **Tier 2** level giving the teacher the support and resources they need to intervene in real-time.

Chapter 4

< **Lesson 4-4** >

Lesson manual & assets

Instruction & guided practice

Independent practice

Small group instruction

! There are **7 student(s)** that could currently benefit from a small group instruction

CD CL EJ JA JE LW SJ

Start instruction & Resend

Small group instruction (10)

3a **Hint** $8 + 5 = ?$

First, make a ten. Use your own blocks or drag the ones on your screen.

$8 + 5 = \square$

3b **Hint** $18 + 5 = ?$

tens	ones
1 ten rod	8 ones units
1 ten rod	5 ones units

First, make a ten. Use your own blocks.

$18 + 5 = \square$

3c Add 27 and 18.

tens	ones
2 ten rods	7 ones units
1 ten rod	8 ones units

Are there enough ones to make a ten?

Yes, there are more than 10 ones.
 Yes, there are exactly 10 ones.
 No, there are less than 10 ones.

3d To add 27 and 18, trade 10 ones to 1 ten.

Hint

tens	ones
3 ten rods	5 ones units

\square ten(s) and \square one(s)

3e Add 25 and 22.

tens	ones
2 ten rods	5 ones units
2 ten rods	2 ones units

\square ten(s) and \square one(s)

3f Add 25 and 16.

tens	ones
2 ten rods	5 ones units
1 ten rod	6 ones units

\square ten(s) and \square one(s)

3g Use your own blocks. If possible, regroup 10 ones as 1 ten.

\square ten(s) and \square one(s)

Add 28 and 13.

\square ten(s) and \square one(s)

3h Use your own blocks. If possible, regroup 10 ones as 1 ten.

\square ten(s) and \square one(s)

Add 31 and 14.

\square ten(s) and \square one(s)

3i Use your own blocks. If possible, regroup 10 ones as 1 ten.

\square ten(s) and \square one(s)

Add 62 and 27.

\square ten(s) and \square one(s)

3j Use your own blocks. If possible, regroup 10 ones as 1 ten.

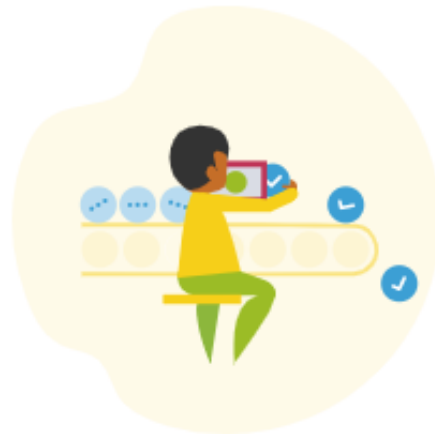
\square ten(s) and \square one(s)

Add 38 and 26.

\square ten(s) and \square one(s)

Exercise + Adaptive Learning

Snappet's Adaptive Learning Technology makes it possible to **individualize** and **personalize** your student's practice. Our technology will adapt to your student's responses and adjust the difficulty level as needed. This technology has been independently studied and shown to drastically improve student outcomes. It also saves teachers time to focus on teaching and not grading and grouping.



Lesson Evaluation

After the lesson, Snappet's **reporting tools** structure further intervention with additional small group instruction for students that are stuck. Working set assignments can be sent to students that are still progressing toward their targets.



! Stuck & not started (8)

Small Group Instruction ^

Growth	Student name	Ability ▾	Intervention	Exercises
	Elijah Jones	Level 3		Show exercises (520)
	James Anderson	Level 2		Show exercises (525)

... Growing towards target (3)

Working Set ^

Growth	Student name	Ability ▾	Intervention	Exercises
	Mia Taylor	Level 5		Show exercises (509)
	Katy White	Level 4		Show exercises (504)

Standards Alignment

The Snappet program aligns to individual state standards. When completed, each standard will be visible at the lesson level and at point of use. Teachers will be able to click on the standard and view **class and student progress** on the individual standard. The **Standards Reporting Tool** will give additional insight and resources for teachers that need to reteach a learning objective associated with a specific MO standard.

Chapter 2

Learning objective cards
⋮
⤴

Lesson 2.1 >

We will count efficiently up to 1,000 using a structure

#246 Plus 2.AO.1 2.AO.3

⋮

AA AK BZ AA AK MW AA DD RZ AA AK BZ AA AK MW AA DD RZ AA AK BZ AA AK MW AA DD

DD

Lesson 2.2 >

We will count efficiently up to 1,000 using a structure

#246 Plus 2.AO.1 2.AO.3

⋮

AA AK BZ AA AK MW AA DD RZ AA AK BZ AA AK MW AA DD RZ AA AK MW AA DD

AK BZ AA

Lesson 2.3 >

We will model and write 3-digit numbers

#248 Minimum 2.AO.2 2.AO.3 2.AO.4

⋮

AA AK BZ AA AK MW AA DD RZ AA AK BZ AA AK MW AA DD RZ AA AK MW AA DD

AK BZ AA

Standards Reporting Tool

Data reports group students by ability level based on their responses during the lessons. Reports can be viewed **by Learning Objective** or **State Standard**. Additional lessons are available for students that are still struggling on the learning objective.

Charlie Davies' Report (Class 3b)

✕

Math

report for

Charlie Davies

of

current schoolyear

← Snappet Math

Standards

State Standard

LO Status

Levels

Numbers and Operations - Fractions

Develop understanding of fractions as numbers

3.NF.1

Understand a fraction $1/b$ as the quantity formed by 1 part when a whole is partitioned into b equal parts; understand a fraction a/b as the quantity formed by a parts of size $1/b$.

Progress

Learning Objective	Ability	Status
<div style="display: flex; align-items: center; gap: 10px;"> <div style="font-size: 0.8em;"> Divide multiple pizzas equally and name the parts #793 </div> </div>	<div style="border: 1px solid #ccc; border-radius: 5px; width: 100%; height: 15px; background: linear-gradient(to right, #ffc107, #ffc107, #6c757d);"></div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> Level 2 ⋮ </div>
<div style="display: flex; align-items: center; gap: 10px;"> <div style="font-size: 0.8em;"> Determine part of a whole using fraction bar models #794 </div> </div>	<div style="border: 1px solid #ccc; border-radius: 5px; width: 100%; height: 15px; background: linear-gradient(to right, #ffc107, #ffc107, #6c757d, #6c757d);"></div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> Level 3 ✓ </div>
<div style="display: flex; align-items: center; gap: 10px;"> <div style="font-size: 0.8em;"> Divide and name parts with a fraction #799 </div> </div>	<div style="border: 1px solid #ccc; border-radius: 5px; width: 100%; height: 15px; background: linear-gradient(to right, #6c757d, #6c757d, #6c757d, #6c757d);"></div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> Level 4 ✓ </div>

3.NF.2

Understand a fraction as a number on the number line; represent fractions on a number line diagram: a) Represent a fraction $1/b$ on a number line diagram by defining the interval from 0 to 1 as the whole and partitioning it into b equal parts. Recognize that each part has size $1/b$ and that the end point of the part based at 0 locates the number $1/b$ on the number line; and b) Represent a fraction a/b on a number line diagram by marking off lengths $1/b$ from 0. Recognize that the resulting interval has size a/b and that its end point locates the number a/b on the number line.

Progress

Report results on State Standard or overall progress on the program.

15

Excellent teaching easier for all

It has been known for decades that teachers influence learning outcomes the most. Professor John Hattie summarized the five things that excellent teachers do differently (based on more than 500,000 scientific studies about the effects on learning outcomes):

- **Depth**

Excellent teachers have deeper understanding of the learning path, the lesson content, and the current skills of their students available when teaching.

- **Ownership**

Excellent teachers organize and guide challenging ownership of their students.

- **Interaction**

Excellent teachers monitor the progress of their students more ‘automatically’ and provide more effective feedback.

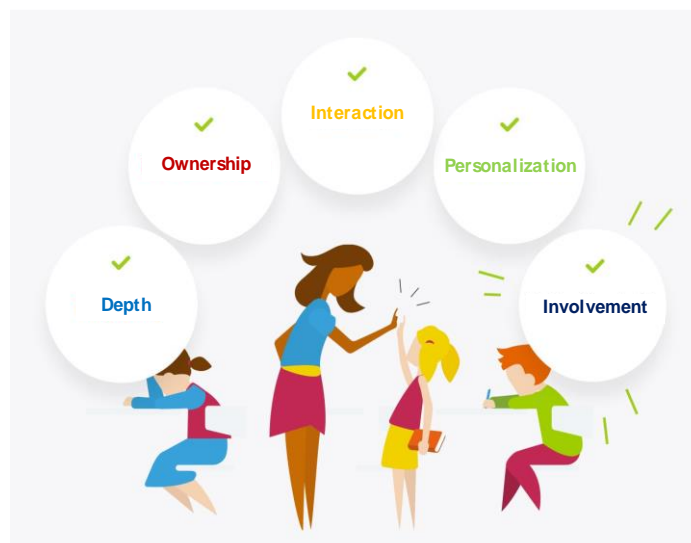
- **Personalization**

Excellent teachers guide individual learning in classroom settings.

- **Involvement**

Excellent teachers are more affectively involved with students and their personal growth.

Snappet makes it easier for all teachers to do what excellent teachers do.



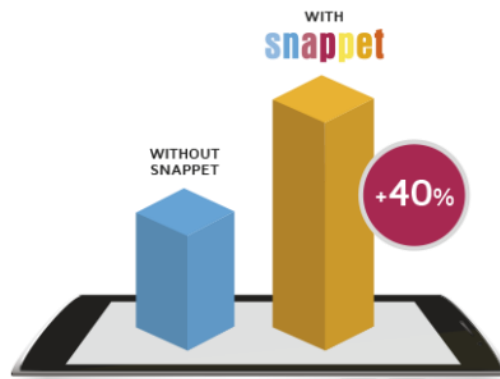
Supported by independent research

Faber, Luyten, & Visscher, 2017; Molenaar, van Campen, & van Gorp, 2016

“Higher Math scores after working 6 months with Snappet.”

*Professor A. Visscher,
University of Twente*

- Higher learning outcomes on standardized assessments
- Improvements for students at all levels
- 1.5 months of additional gain
- Increased student engagement especially for higher achieving students
- Snappet teachers felt they were better teachers



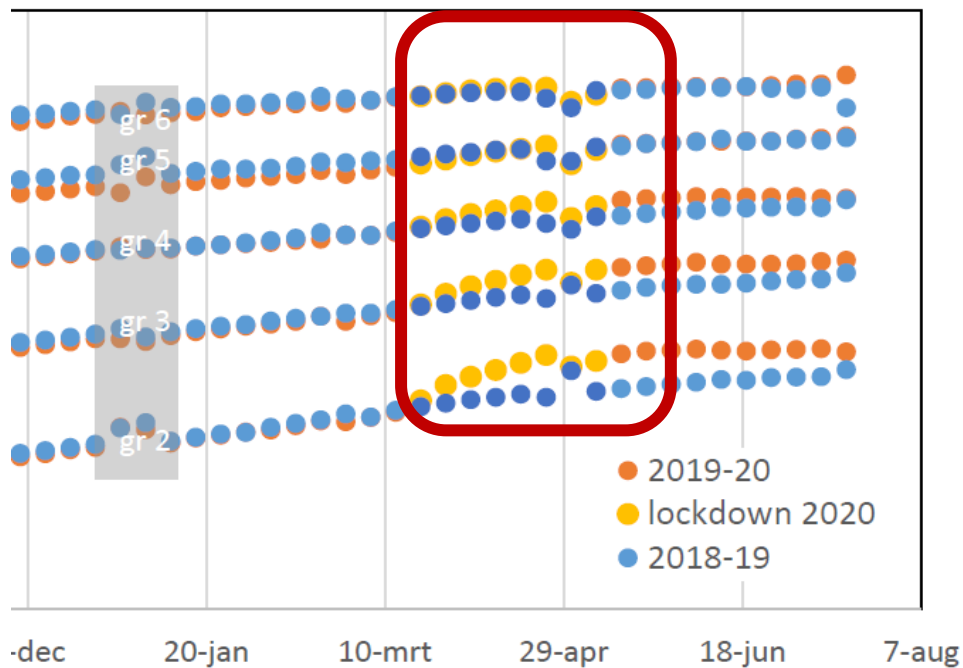
COVID Math Gains

Meeter et al., 2020

810 Elementary Schools (53,656 students)

- Higher learning outcomes occurred during the lockdowns
- Weaker students caught up to their more advanced peers
- Adaptive practice software is a way to attenuate or reverse learning loss due to school closures

“Higher Math Gains during the COVID lockdowns.”
Meeter et al



Training & Coaching

Snappet offers Training & Coaching included in the price of the student license. Our program experts will be with you every step of the way as you begin your teaching journey using the The Snappet Method.

Kick-off Training

The **Kick-Off** training includes a tour of the Teacher & Student platform, setting up your classes, and getting your teachers ready for their first day of improved learning outcomes and student engagement using the Snappet program.

Coaching Sessions

Coaching Session 1

Coaching Session 1 will give your teachers the opportunity in an open forum with the trainer to ask questions and to share their first experience using the Snappet program.

Coaching Session 2

Coaching Session 2 includes advanced strategies using the Snappet method. This session will explore in deeper detail the reporting tools and student grouping.

Additional Coaching Sessions

At Snappet we believe Teachers Make the Difference. Therefore, we are here to support you and your teachers on an ongoing basis. Additional Coaching Sessions can be scheduled at no additional cost, as needed, by contacting your Snappet representative.