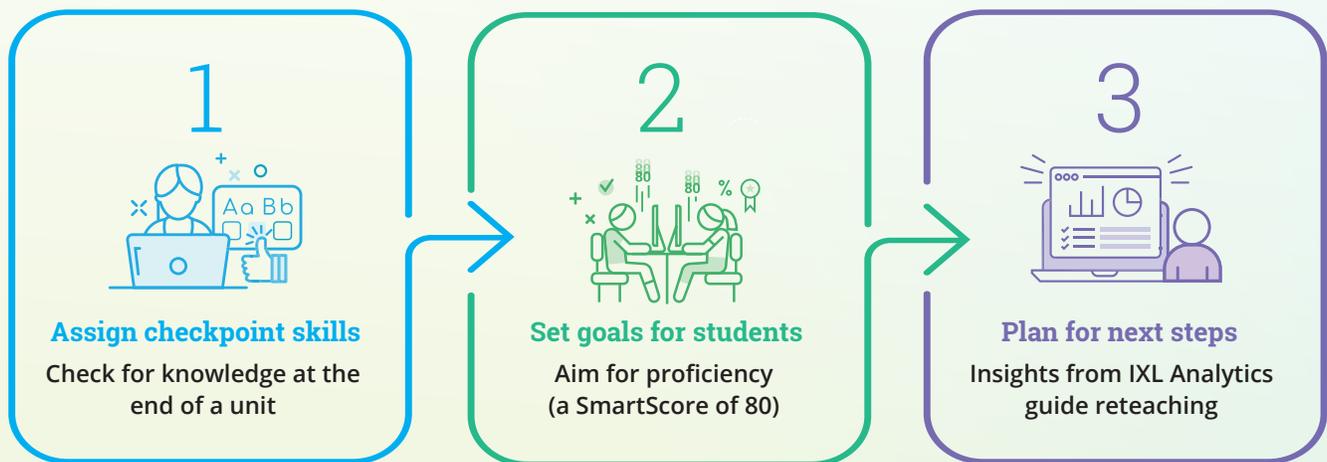# IXL for Standards Readiness

STEPS TO SUCCESSFUL IMPLEMENTATION

IXL's checkpoint skills (available for 8th grade math, Algebra 1, and Geometry), are a powerful formative assessment tool to assess and address your students' proficiency on key standards.

1

Assign checkpoint skills

Check for knowledge at the end of a unit

2

Set goals for students

Aim for proficiency (a SmartScore of 80)

3

Plan for next steps

Insights from IXL Analytics guide reteaching

LET'S TAKE A CLOSER LOOK AT HOW CHECKPOINT SKILLS GIVE YOU MEANINGFUL INSIGHTS ON STANDARDS READINESS

1. Assign checkpoint skills

Throughout the year, wrap up each unit by assigning relevant checkpoint skills to students.

Find checkpoint skills on the Grades page or in your textbook or state standards skill plan.

Assign the skill to students by clicking the star.

- ⭐ 10 Volume of cylinders
- ⭐ 11 Volume of cones
- ⭐ 12 Surface area of cylinders
- ⭐ 13 Surface area of cones
- ⭐ 14 Volume of spheres
- ⭐ 15 Surface area of spheres
- ⭐ 16 Volume and surface area of similar solids
- ⭐ 17 Perimeter and area: changes in scale
- ⭐ 🚩 Checkpoint: Volume

2. Set goals for students

Checkpoint skills require higher-order thinking

Built to align with the rigor of state assessments, each checkpoint skill challenges students to strategically apply knowledge from multiple standards. If students demonstrate gaps in knowledge, IXL provides the exact foundational skills that will close them.

Paula measured a cone with a radius of 4 centimeters and a height of 12 centimeters. What is the volume of the cone?

Use $\pi \approx 3.14$ and round your answer to the nearest whole number.

[ ] cubic centimeters

Then, Paula measured a sphere with the same radius as the cone, 4 centimeters. What is the ratio of the cone's volume to the sphere's volume?

$\frac{1}{3}$ $\frac{1}{4}$ $\frac{3}{4}$ $\frac{4}{3}$

Submit

Have students aim for proficiency

Ask learners to try and reach proficiency (a SmartScore of 80), or to answer at least 10 questions in each checkpoint skill. This will provide enough data for IXL to give you an accurate measure of their understanding of the standards covered by the skill.

- Students can aim for mastery (a SmartScore of 100) if they are ready for an extra challenge.

- Alternatively, they can pause and work on the foundational skills recommended to them.

Work it out
These skills can help for questions like this:

Volume of cones   Volume of spheres

When students answer a question incorrectly, IXL pinpoints the underlying foundational skills that will close their knowledge gaps.

IXL

3. Plan for next steps

Get insight on which foundational skills students need help with most. Use the groupings provided to plan for small-group reteaching.

Gaps in foundational skills to review

4 students would benefit from reviewing this foundational skill

Foundational skill: Volume of cylinders 9F3   4

MISSED QUESTIONS FROM THIS FOUNDATIONAL SKILL

A cylinder has a volume of 169.56 cubic millimeters and a height of 6 millimeters. What is its radius?

Use π ≈ 3.14 and round your answer to the nearest whole number.

millimeters

STUDENTS STUCK ON THIS FOUNDATIONAL SKILL

George Guo   Heather Hampshire   Isabelle Izakaya   Jeffrey Jackson

3 students would benefit from reviewing this foundational skill

Foundational skill: Volume of cones YYR   3

Visit the Skill Analysis report to see which students have achieved proficiency in the checkpoint skills.

SKILL ANALYSIS

SKILL: 8th (F.) New! Checkpoint: Integer exponents

Includes concepts from 4 foundational skills

Skill overview - This school year   Search shortcut: GEJ

24% proficient

| | 31% | 45% |

✏ 160
QUESTIONS ANSWERED

🕐 1 hr 0 min
TIME SPENT

👤 16
STUDENTS WHO PRACTICED

■ Proficient   ☐ Not proficient   ☐ Not enough practice
Sharon Bass (91)   Laura Brady (76)   Alexis Chan
Sonia Chang (87)   Lucy Branch (50)   Kathleen Dalton
Craig Garza (100)   Bryce Carlson (4)   Stanley Gregory
Darryl Jackson (100)   Katie Cho (76)   Irene Hardin
Mia Molina (87)   Victor Heath (71)   Sierra Herrera
Alec Soto (81)   Diego Hoffman (58)   Violet Hutchinson
Arya Williams (100)   Preston McDonald (50)   Myron Liu
                           Warren Salinas (55)   Sophie McDowell
                           Jayden Young (71)   John Patrick Michaels
                                                      Jessica Moore
                                                      Robin Norris
                                                      Kim Perkins
                                                      Jason Richard

– Reset this checkpoint ⌄   Show less ⌃   Viewing total practice from *this school year*

Open the "Reset this checkpoint" menu to reset SmartScores on checkpoint skills to 0, then reassign them to help your students review before tests.