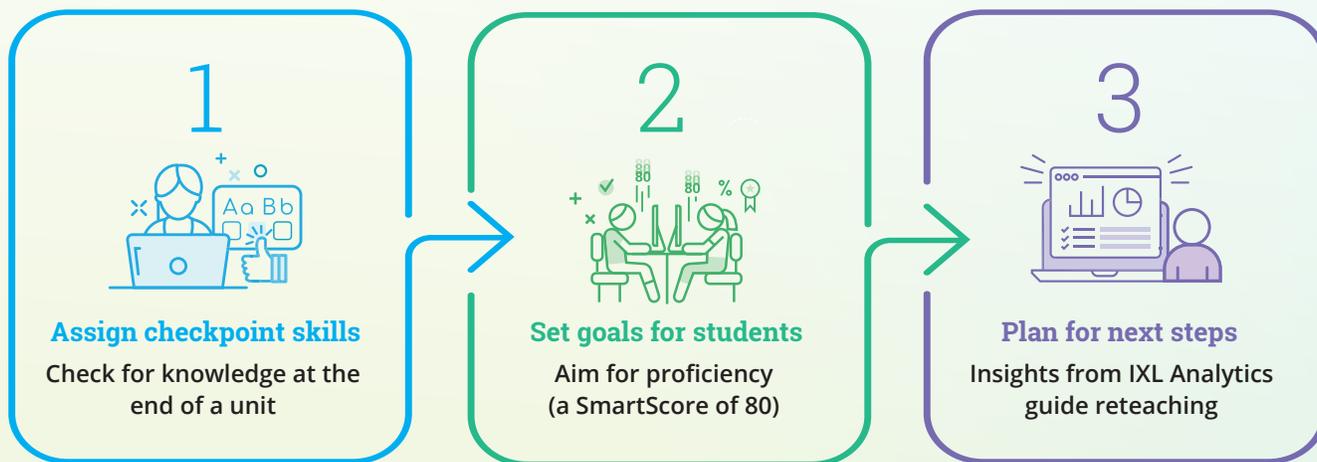




STEPS TO SUCCESSFUL IMPLEMENTATION

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.



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?

$\frac{1}{3}$

$\frac{1}{4}$

$\frac{3}{4}$

$\frac{4}{3}$

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

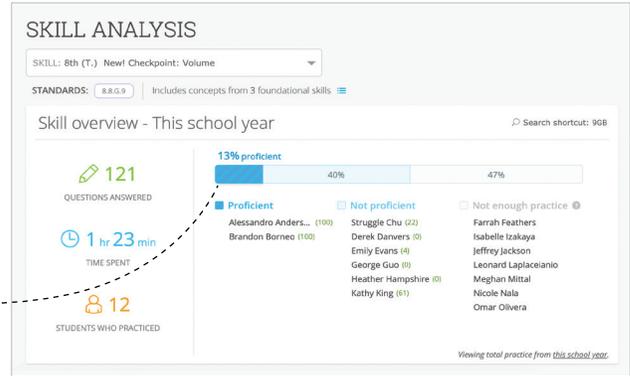
When students answer a question incorrectly, IXL pinpoints the underlying foundational skills that will close their knowledge gaps.



3.

Plan for next steps

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



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

