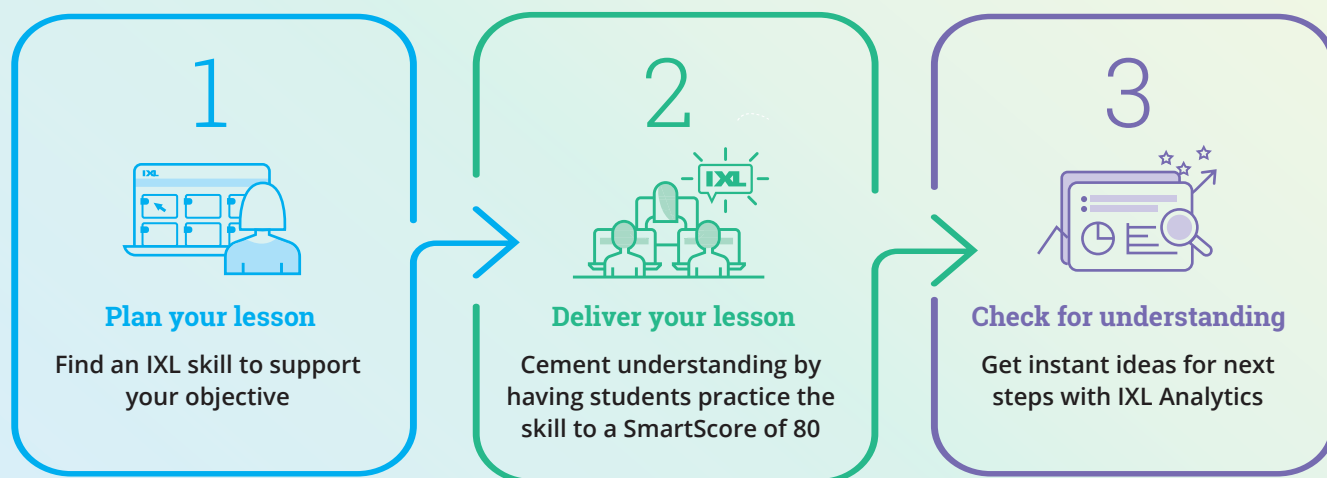


STEPS TO SUCCESSFUL IMPLEMENTATION

IXL is designed to be used daily to reinforce your lessons and help students retain your teaching. Getting started is easy:



LET'S TAKE A CLOSER LOOK AT HOW IXL SUPPORTS YOUR DAILY TEACHING



1.

Plan your lesson

Find the IXL skill that matches your objective

Review your lesson plan and search for 1-2 IXL skills that support your teaching for the day. You can find these skills by scanning the Years pages, or by using your IXL skill plan.

Skill plans: Check out ready-made IXL skill plans for skills that perfectly match your national standards and exams.

Years view: Get easy access to all skills for a specific year level.

Year 7 maths

IXL offers hundreds of year 7 maths skills to explore and learn! Not sure where to start? Go to your personalized Recommendations wall to find skills picked just for you, or select a skill plan that aligns to your textbook, state standards, or standardized test.

Topic	Skills
A. Number theory	<ul style="list-style-type: none"> 1 Prime or composite 2 Prime factorisation 3 Multiplicative inverses 4 Divisibility rules 5 Highest common factor 6 Lowest common multiple 7 HCF and LCM: word problems 8 Classify numbers
B. Integers	<ul style="list-style-type: none"> 1 Understanding integers 2 Integers on number lines 3 Graph integers on horizontal and vertical number lines 4 Compare integers 5 Order integers
C. Fractions and decimals	<ul style="list-style-type: none"> 1 Fractions on number lines 2 Convert between decimals and fractions or mixed numbers 3 Compare rational numbers 4 Put rational numbers in order 5 Add and subtract rational numbers 6 Apply addition and subtraction rules 7 Multiply and divide rational numbers 8 Apply multiplication and division rules
D. Ratios and percentages	<ul style="list-style-type: none"> 1 Understand ratios 2 Write ratios in simplest form 3 Simplify ratios 4 Find missing terms in a ratio 5 Find the ratio of two quantities 6 Find the percentage of a quantity 7 Find the whole from a part and a percentage 8 Find the percentage increase or decrease
E. Algebra	<ul style="list-style-type: none"> 1 Understand algebraic notation 2 Simplify algebraic expressions 3 Solve linear equations 4 Solve linear inequalities 5 Solve quadratic equations 6 Solve quadratic inequalities 7 Solve systems of linear equations 8 Solve systems of linear inequalities
F. Geometry	<ul style="list-style-type: none"> 1 Understand geometric notation 2 Identify geometric shapes 3 Calculate the area and perimeter of geometric shapes 4 Calculate the volume of geometric solids 5 Calculate the surface area of geometric solids 6 Calculate the length of a line segment 7 Calculate the circumference of a circle 8 Calculate the area of a circle
G. Statistics	<ul style="list-style-type: none"> 1 Understand statistical notation 2 Calculate the mean, median, mode and range of a data set 3 Calculate the standard deviation of a data set 4 Calculate the variance of a data set 5 Calculate the coefficient of variation of a data set 6 Calculate the correlation coefficient of a data set 7 Calculate the regression line of a data set 8 Calculate the probability of an event

2. Deliver your lesson

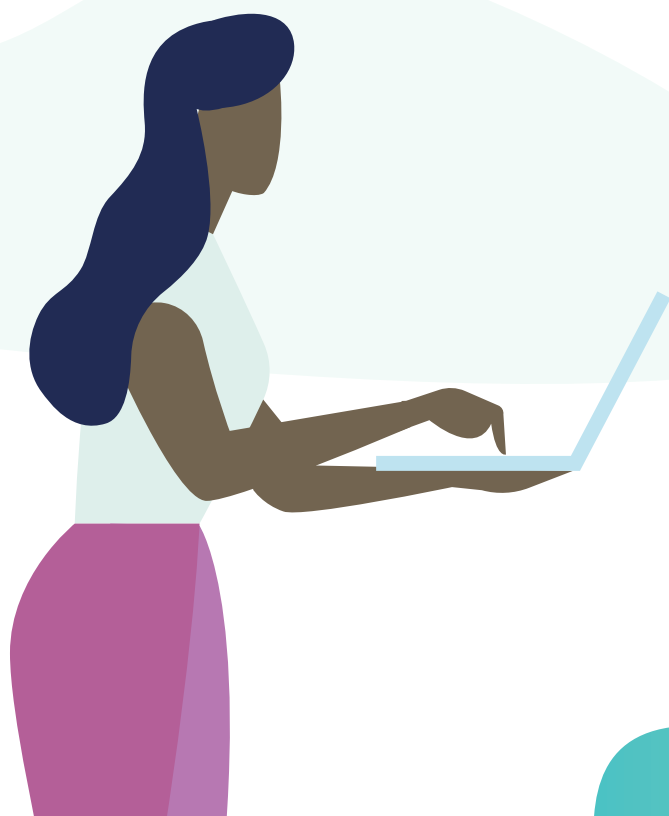
Introduce your lesson to the whole class, then release students to work on your selected IXL skills. You can also have students work on these skills for homework, or as one part of a station rotation in class.

Build student confidence

As students work on their assigned IXL skill, they will be building an in-depth understanding of the concept you introduced in your lesson. Questions adapt automatically to each student so that they can develop skill confidence at their own pace.

Set SmartScore goals

For each IXL skill, encourage students to reach a SmartScore of 80 (proficiency). If students achieve proficiency and are ready for a challenge, have them strive for mastery (SmartScore of 100) for extra credit.



3. Check for understanding

Visit the Skill Analysis report to check for assignment completion and to gain insight on your students' understanding of the lesson. This report gives you overall stats on your class performance and even groups your students by the level of difficulty they are working at within the skill.

Mouse over each student's name for deeper analysis of their progress. Keep an eye out for students who have a trouble spot and may need additional support or practice with foundational skills.

