



IXL Weekly Boost skill plan

Math - Second grade



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www.ixl.com/math/skill-plans/ixl-weekly-boost-grade-2

Week 1

Counting and number patterns

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Number lines - up to 100 T6D2. Comparing numbers up to 100 G7F3. Put numbers up to 100 in order LK6
Day 2	<ol style="list-style-type: none">1. Skip-counting by twos LK22. Skip-counting by fives and tens FVF3. Count forward and backward by fives and tens 8JK
Day 3	<ol style="list-style-type: none">1. Even or odd 54Z2. Identify numbers as even or odd RGJ

Week 2

Numbers to 100

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Place value models - tens and ones HQR2. Place value - tens and ones RSH
Day 2	<ol style="list-style-type: none">1. Convert to/from a number - tens and ones GDN2. Spell word names for numbers up to 20 QBX
Day 3	<ol style="list-style-type: none">1. Writing numbers up to 100 in words - convert digits to words VPG2. Writing numbers up to 100 in words - convert words to digits 2FT

Week 3

One-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Addition with pictures - sums to 20 PM82. Write addition sentences to describe pictures - sums to 20 L2M
Day 2	<ol style="list-style-type: none">1. Addition sentences using number lines - sums up to 20 FXF2. Add doubles 8Z73. Add doubles - complete the sentence S46
Day 3	<ol style="list-style-type: none">1. Related addition facts YDX2. Make ten to add YJE

Week 4

One-digit addition

Day	IXL skills
Day 1	1. Add one-digit numbers 5C6
Day 2	1. Addition word problems - sums to 20 EN6 2. Addition sentences for word problems - sums to 20 VSF
Day 3	1. Complete the addition sentence - sums to 20 MQX 2. Addition sentences: which is true? GMN

Week 5

One-digit addition

Day	IXL skills
Day 1	1. Balance addition equations - sums to 20 6LC
Day 2	1. Add three one-digit numbers YCC 2. Add three one-digit numbers: word problems VJ9
Day 3	1. Add four or more one-digit numbers 77J 2. Add four or more one-digit numbers: word problems 8NS

Week 6

One-digit subtraction

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Subtraction with pictures XUG2. Write subtraction sentences to describe pictures - up to 18 F8W
Day 2	<ol style="list-style-type: none">1. Subtraction sentences using number lines - up to 20 GUZ2. Subtract doubles BEV3. Related subtraction facts P6Y
Day 3	<ol style="list-style-type: none">1. Subtract a one-digit number from a two-digit number up to 18 HSU

Week 7

One-digit subtraction

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Subtraction word problems - up to 18 2FD2. Subtraction sentences for word problems - up to 18 AZ8
Day 2	<ol style="list-style-type: none">1. Complete the subtraction sentence - up to 18 QS52. Subtraction sentences: which is true? UY23. Balance subtraction equations - up to 18 HFK
Day 3	<ol style="list-style-type: none">1. Add and subtract numbers up to 20 QQP2. Addition and subtraction - ways to make a number - up to 20 PD73. Addition and subtraction word problems - up to 20 75R

Week 8

Mixed operations and repeated addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Solve word problems using guess-and-check - up to 20 SK52. Fact families NSN3. Addition and subtraction sentences up to 20: which is true? KP6
Day 2	<ol style="list-style-type: none">1. Identify repeated addition in arrays: sums to 10 F7E2. Write addition sentences for arrays: sums to 10 Z7N
Day 3	<ol style="list-style-type: none">1. Identify repeated addition in arrays: sums to 25 EUS2. Write addition sentences for arrays: sums to 25 W8T

Week 9

Two-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Add multiples of 10 NPQ2. Regroup tens and ones 5LV
Day 2	<ol style="list-style-type: none">1. Use models to add a two-digit and a one-digit number - without regrouping QC92. Add a two-digit and a one-digit number - without regrouping EZ7
Day 3	<ol style="list-style-type: none">1. Use models to add a two-digit and a one-digit number - with regrouping URQ2. Add a two-digit and a one-digit number - with regrouping 8BT

Week 10

Two-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Use models to add two-digit numbers - without regrouping GK22. Add two-digit numbers without regrouping - sums to 100 TX5
Day 2	<ol style="list-style-type: none">1. Use models to add two-digit numbers - with regrouping QL82. Add two-digit numbers with regrouping - sums to 100 GLX
Day 3	<ol style="list-style-type: none">1. Ways to make a number using addition S5E2. Use compensation to add - up to two digits SCF

Week 11

Two-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Add two-digit numbers - sums to 200 GZY2. Addition word problems - up to two digits XAT
Day 2	<ol style="list-style-type: none">1. Complete the addition sentence - up to two digits CZK2. Write the addition sentence - up to two digits 5FM
Day 3	<ol style="list-style-type: none">1. Add three numbers up to two digits each YTH2. Add three numbers up to two digits each: word problems 52T

Week 12

Two-digit addition and subtraction

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Add four numbers up to two digits each DP62. Add four numbers up to two digits each: word problems YSX
Day 2	<ol style="list-style-type: none">1. Subtract multiples of 10 2Q62. Regroup tens and ones - ways to make a number JKT
Day 3	<ol style="list-style-type: none">1. Write subtraction sentences to describe pictures - up to two digits UBF2. Subtract a one-digit number from a two-digit number - without regrouping L8D3. Subtract a one-digit number from a two-digit number - with regrouping P85

Week 13

Two-digit subtraction

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Subtract two two-digit numbers - without regrouping R8C2. Subtract two two-digit numbers - with regrouping TWE
Day 2	<ol style="list-style-type: none">1. Ways to make a number using subtraction DTN2. Complete the subtraction sentence - up to two digits YWC
Day 3	<ol style="list-style-type: none">1. Subtraction word problems - up to two digits UFU2. Write the subtraction sentence - up to two digits ZQH

Week 14

Mixed operations

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Add and subtract numbers up to 100 JDT2. Addition and subtraction - ways to make a number - up to 100 8WA
Day 2	<ol style="list-style-type: none">1. Addition and subtraction word problems - up to 100 MEP2. Which sign (+ or -) makes the number sentence true? K7X
Day 3	<ol style="list-style-type: none">1. Two-step addition and subtraction word problems - up to 100 7P8

Week 15

Counting and comparing numbers to 1,000

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Count forward - up to 1,000 88P2. Number lines - up to 1,000 KFQ
Day 2	<ol style="list-style-type: none">1. Count forward by tens - up to 1,000 B862. Count forward and backward by fives, tens, and hundreds R5A
Day 3	<ol style="list-style-type: none">1. Comparing numbers up to 1,000 XF92. Put numbers up to 1,000 in order 3N23. Greatest and least - word problems - up to 1,000 6QX

Week 16

Place value

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Place value models - up to hundreds PBX2. Identify a digit up to the hundreds place 45U3. Place value - up to hundreds BDF
Day 2	<ol style="list-style-type: none">1. Convert between place values - ones and hundreds 9T62. Convert to/from a number - up to hundreds HUX3. Convert from expanded form - up to hundreds LG5
Day 3	<ol style="list-style-type: none">1. Writing numbers up to 1,000 in words - convert words to digits JKD2. Writing numbers up to 1,000 in words - convert digits to words VPQ

Week 17

Three-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Add multiples of 100 85Z2. Add multiples of 10 or 100 RCJ
Day 2	<ol style="list-style-type: none">1. Use models to add three-digit numbers - without regrouping Q7V2. Use models to add three-digit numbers - with regrouping KUG
Day 3	<ol style="list-style-type: none">1. Addition with three-digit numbers ETW

Week 18

Three-digit addition

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Use compensation to add - up to three digits <small>89B</small>2. Addition word problems - up to three digits <small>UV2</small>
Day 2	<ol style="list-style-type: none">1. Complete the addition sentence - up to three digits <small>R5W</small>
Day 3	<ol style="list-style-type: none">1. Write the addition sentence - up to three digits <small>PQT</small>

Week 19

Three-digit subtraction

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Subtract multiples of 100 2E22. Subtract multiples of 10 or 100 VVM
Day 2	<ol style="list-style-type: none">1. Subtract three-digit numbers ZVR2. Subtract across zeros 9G5
Day 3	<ol style="list-style-type: none">1. Subtraction word problems - up to three digits ZMA2. Complete the subtraction sentence - up to three digits MDY

Week 20

Mixed operations

Day	IXL skills
Day 1	1. Write the subtraction sentence - up to three digits 5B3
Day 2	1. Add and subtract numbers up to 1,000 WXQ 2. Input/output tables - add and subtract by 100 C97
Day 3	1. Input/output tables - add and subtract by 10 or 100 6XK 2. Input/output tables - write the rule - up to 100 LXX

Week 21

Measurement

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Measure using an inch ruler 88A2. Which customary unit of length is appropriate: inches or feet? 5XG3. Which customary unit of length is appropriate: inches, feet, or yards? GKJ
Day 2	<ol style="list-style-type: none">1. Customary units of length: word problems GSF2. Measure using a centimeter ruler 7WA
Day 3	<ol style="list-style-type: none">1. Which metric unit of length is appropriate? SKH2. Metric units of length: word problems KJ5

Week 22

Money

Day	IXL skills
Day 1	<ol style="list-style-type: none">Names and values of common coins 2QMCount money - pennies, nickels, and dimes only AVN
Day 2	<ol style="list-style-type: none">Count money - up to \$1 DGKEquivalent amounts of money - up to \$1 MGA
Day 3	<ol style="list-style-type: none">Comparing groups of coins FVTPurchases - do you have enough money - up to \$1 F62

Week 23

Money

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Count money - up to \$5 3R82. Exchanging money - with pictures VZD3. Exchanging money 29V
Day 2	<ol style="list-style-type: none">1. Which picture shows more - up to \$5 39E2. Purchases - do you have enough money - up to \$5 W79
Day 3	<ol style="list-style-type: none">1. Add money - up to \$1 6X32. Add money - up to \$1: word problems ZWJ3. How much more to make a dollar? V9L

Week 24

Money

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Subtract money - up to \$1 WH52. Subtract money - up to \$1: word problems ME9
Day 2	<ol style="list-style-type: none">1. Add and subtract money - up to \$1 LYC2. Add and subtract money - up to \$1: word problems N5Y3. Correct amount of change LQ7
Day 3	<ol style="list-style-type: none">1. Least number of coins QAP2. Making change LYP

Week 25

Time

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Match analog clocks and times D9K2. Match digital clocks and times 36N3. Read clocks and write times: hour and half hour AQW
Day 2	<ol style="list-style-type: none">1. Match analog and digital clocks HKL2. Read clocks and write times K7F
Day 3	<ol style="list-style-type: none">1. A.M. or P.M. EJV2. Compare clocks UFP3. Read a calendar I ZXK

Week 26

Data and graphs

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Interpret line plots HY62. Create line plots F2U
Day 2	<ol style="list-style-type: none">1. Interpret pictographs I QDT2. Create pictographs I NM5
Day 3	<ol style="list-style-type: none">1. Interpret bar graphs I RPD2. Which bar graph is correct? BMG3. Interpret bar graphs II 8CH

Week 27

Two-dimensional shapes

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Name the two-dimensional shape 2FK2. Select two-dimensional shapes DWL
Day 2	<ol style="list-style-type: none">1. Count sides and vertices EAQ2. Compare sides and vertices G9N
Day 3	<ol style="list-style-type: none">1. Compose two-dimensional shapes QPK2. Symmetry PG9

Week 28

Three-dimensional shapes

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Name the three-dimensional shape 9E92. Cubes K6N3. Select three-dimensional shapes FAL
Day 2	<ol style="list-style-type: none">1. Count vertices, edges, and faces X722. Compare vertices, edges, and faces DPT
Day 3	<ol style="list-style-type: none">1. Identify faces of three-dimensional shapes QSR2. Identify shapes traced from solids MRD3. Shapes of everyday objects I 9VC

Week 29

Geometric measurement

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Perimeter NP92. Perimeter: word problems EL7
Day 2	<ol style="list-style-type: none">1. Tile a rectangle with squares 2VD2. Area 73H
Day 3	<ol style="list-style-type: none">1. Select figures with a given area KLV2. Create figures with a given area XQT3. Create rectangles with a given area G6Y

Week 30

Fractions

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Equal parts H5R2. Identify halves EZ2
Day 2	<ol style="list-style-type: none">1. Identify thirds EMA2. Identify fourths V5Q
Day 3	<ol style="list-style-type: none">1. Identify halves, thirds, and fourths 24W

Week 31

Fractions

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Make halves XME2. Make thirds 65F
Day 2	<ol style="list-style-type: none">1. Make fourths QZ92. Make halves, thirds, and fourths QD2
Day 3	<ol style="list-style-type: none">1. Make halves, thirds, and fourths in different ways 6SG

Week 32

Equal groups

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Count equal groups LHS2. Identify multiplication sentences for equal groups S7X
Day 2	<ol style="list-style-type: none">1. Write multiplication sentences for equal groups A862. Relate addition and multiplication for equal groups NFF
Day 3	<ol style="list-style-type: none">1. Divide by counting equal groups MTV2. Write division sentences for groups VGQ