



# IXL Summer Boost skill plan

## Algebra 2



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

[www.ixl.com/math/skill-plans/ixl-summer-boost-algebra-2](https://www.ixl.com/math/skill-plans/ixl-summer-boost-algebra-2)

## Days 1-5

Day	IXL skills
Day 1	Solve linear equations PHF
Day 2	Graph circles from equations in standard form GVH
Day 3	Solve systems of linear equations 76G
Day 4	Write equations of parabolas in vertex form from graphs NHB
Day 5	Multiply two binomials M7Q

## Days 6-10

Day	IXL skills
Day 6	Solve a quadratic equation by factoring ENU
Day 7	Equations of lines Q98
Day 8	Interpret the slope and y-intercept of a linear function RPQ
Day 9	Area and perimeter in the coordinate plane I QWZ
Day 10	Exponential growth and decay: word problems UKG

## Days 11-15

Day	IXL skills
<b>Day 11</b>	Trigonometric ratios: find a side length UZC
<b>Day 12</b>	Transformations of quadratic functions 6YS
<b>Day 13</b>	Simplify radical expressions ZFF
<b>Day 14</b>	Write linear, quadratic, and exponential functions from tables AFA
<b>Day 15</b>	Surface area and volume review TER

## Days 16-20

Day	IXL skills
Day 16	Identify independent and dependent events GW9
Day 17	Analyze a regression line of a data set 8D8
Day 18	Find conditional probabilities using two-way frequency tables A6N
Day 19	Interpret a scatter plot 8BS
Day 20	Find probabilities using combinations and permutations C56