



IXL Fall Power-up skill plan

Calculus



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-fall-power-up-calculus

Week 1

Day	IXL skills
Day 1	1. Composition of functions Y8M
Day 2	1. Identify inverse functions KJ6 2. Find inverse functions and relations CYR
Day 3	1. Function transformation rules NWV
Day 4	1. Transformations of functions 9CX 2. Match polynomials and graphs VQK
Day 5	1. Divide polynomials using long division 5YS

Week 2

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Graph solutions to quadratic inequalities RVR2. Rational functions: asymptotes and excluded values YSJ
Day 2	<ol style="list-style-type: none">1. Domain and range of exponential and logarithmic functions DUA
Day 3	<ol style="list-style-type: none">1. Convert between exponential and logarithmic form 9N42. Change of base formula NNL
Day 4	<ol style="list-style-type: none">1. Evaluate logarithms using properties ZYM
Day 5	<ol style="list-style-type: none">1. Solve logarithmic equations with one logarithm GJH2. Solve logarithmic equations with multiple logarithms 9CY

Week 3

Day	IXL skills
Day 1	1. Describe linear and exponential growth and decay V6U
Day 2	1. Graph parabolas YPA 2. Graph circles 2WV
Day 3	1. Convert between radians and degrees VMP
Day 4	1. Find trigonometric ratios using right triangles 8CK 2. Find trigonometric ratios of special angles DPR
Day 5	1. Solve a right triangle ET7

Week 4

Day	IXL skills
Day 1	<ol style="list-style-type: none">Inverses of trigonometric functions LHPTrigonometric identities I WHX
Day 2	<ol style="list-style-type: none">Trigonometric identities II 8S8
Day 3	<ol style="list-style-type: none">Write equations of sine functions from graphs EJSWrite equations of sine functions using properties TRG
Day 4	<ol style="list-style-type: none">Write equations of cosine functions from graphs FNG
Day 5	<ol style="list-style-type: none">Graph sine and cosine functions C8NIntroduction to sigma notation FTV