



# Thinking Feet

## High School Math 2

\*Estimated Plan, there may be some deviations

<b>Class</b>	<b>Level</b>	<b>Topic</b>
1	Quadratics, Rational Expressions and Complex Numbers	Solving Quadratics by Graphing; Factoring Review Solving Quadratics by Factoring Review Simplifying Square Roots; Solving Quadratics by Square Roots
2	Quadratics, Rational Expressions and Complex Numbers	Pure Imaginary Numbers, Powers of $i$ Complex Numbers & Operations with Complex Numbers
3	Quadratics, Rational Expressions and Complex Numbers	Solving Quadratics by Completing the Square Solving Quadratics by the Quadratic Formula
4	Quadratics, Rational Expressions and Complex Numbers	Discriminant; Review all Methods to Solving Quadratics Quadratic Applications: Geometric & Consecutive Numbers
5	Quadratics, Rational Expressions and Complex Numbers	Projectile Motion & Quadratic Regression
6	Geometry	Transformations
7	Geometry	Triangle Basics, Parallel Lines and Angles Congruence Lesson 1 Similarity of Triangles
8	Geometry	Similarity of Triangles Right Triangles and Trigonometry
9	Geometry	Right Triangles and Trigonometry



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<b>Class</b>	<b>Level</b>	<b>Topic</b>
<b>10</b>	<b>Geometry</b>	<b>Right Triangles and Trigonometry</b>
<b>11</b>	<b>Statistics &amp; Probability</b>	<b>Statistics &amp; Probability</b>
<b>12</b>	<b>Statistics &amp; Probability</b>	<b>Statistics &amp; Probability</b>
<b>13</b>	<b>Statistics &amp; Probability</b>	<b>Statistics &amp; Probability</b>
<b>14</b>	<b>Statistics &amp; Probability</b>	<b>Statistics &amp; Probability</b>
<b>15</b>	<b>Radicals and Rational Expressions</b>	<b>Radicals and Rational Expressions</b>
<b>16</b>	<b>Functions</b>	<b>Interpreting Functions - linear and exponential</b>
<b>17</b>	<b>Functions</b>	<b>Direct and Inverse Relations</b>
<b>18</b>	<b>Systems</b>	<b>Complex Inequalities</b>
<b>19</b>	<b>Multi Topic Review / Buffer</b>	
<b>20</b>	<b>Multi Topic Review / Buffer</b>	