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## Florida PROMiSE Inservice Modules 6 – 12 Mathematics

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### **Modules Common to all Grade Bands and Subjects**

- ❖ **Module 1:** Orientation to the Next Generation Sunshine State Standards
- ❖ **Module 6:** Applying the Next Generation Sunshine State Standards to district curricular materials

### **6 – 8 Mathematics**

- ❖ **Module 2**
  - *Grade 6 Big Idea 2:* Connect ratio and rates to multiplication and division.
  - *Grade 7 Big Idea 1:* Develop an understanding of and apply proportionality, including similarity.
- ❖ **Module 3**
  - *Grade 6 Big Idea 2:* Connect ratio and rates to multiplication and division.
  - *Grade 7 Big Idea 1:* Develop an understanding of and apply proportionality, including similarity.
  - *Grade 8 Big Idea 1:* Analyze and represent linear functions and solve linear equations and systems of linear equations.
- ❖ **Modules 4 & 5**
  - *Grade 6 Big Idea 3:* Write, interpret, and use mathematical expressions and equations.
  - *Grade 7 Big Idea 1:* Develop an understanding of and apply proportionality, including similarity.
  - *Grade 8 Big Idea 1:* Analyze and represent linear functions and solve linear equations and systems of linear equations.

### **Algebra**

- ❖ **Module 2**
  - *Standard 4:* Polynomials
- ❖ **Module 3**
  - *Standard 2:* Relations and Functions
- ❖ **Module 4**
  - *Standard 3:* Linear Equations and Inequalities
- ❖ **Module 5**
  - *Standard 2:* Relations and Functions
  - *Standard 7:* Quadratic Equations

### **Geometry**

- ❖ **Module 2**
  - *Standard 4:* Triangles
- ❖ **Module 3**
  - *Standard 4:* Triangles
- ❖ **Module 4**
  - *Standard 5:* Right Triangles
- ❖ **Module 5**
  - *Standard 3:* Quadrilaterals

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