

**ADP Network Orientation Call  
on the  
Model Course Pathways in Mathematics**

- I. Welcome and Introductions (Laura Slover)
- II. Introduction to the Pathways (Doug Sovde)
  - a. Goals
  - b. Purpose
  - c. Structure of document
  - d. Overview of opening pages
  - e. Reading the document
- III. The Traditional Pathway (Doug Sovde)
  - a. Algebra 1
  - b. Geometry
  - c. Algebra II
- IV. The Integrated Pathway (Brad Findell)
  - a. Mathematics I
  - b. Mathematics II
  - c. Mathematics III
- V. Compacted Sequences
  - a. Introduction (Brad Findell)
  - b. Traditional (Doug Sovde)
  - c. Integrated (Brad Findell)
- VI. Implementation Issues (Doug Sovde and Laura Slover)
- VII. Q&A
- VIII. Closing (Laura Slover)

# Table of Contents

## Model Course Pathways in Mathematics

<b>Overview</b> .....	<b>2</b>
<b>The Pathways</b> .....	<b>3</b>
Implementation Considerations .....	4
Supporting Students .....	4
How to Read the Pathways.....	4
<b>Traditional Pathway</b> .....	<b>8</b>
Overview .....	8
High School Algebra I .....	15
Geometry .....	27
Algebra II .....	36
<b>Integrated Pathway</b> .....	<b>44</b>
Overview .....	44
Mathematics I .....	51
Mathematics II .....	61
Mathematics III .....	72
<b>High School Mathematics in Middle School</b> .....	<b>80</b>
Middle School Acceleration .....	80
Other Ways to Accelerate Students.....	81
<b>Accelerated Traditional Pathway</b> .....	<b>82</b>
Overview .....	82
Accelerated 7 <sup>th</sup> Grade .....	92
8 <sup>th</sup> Grade Algebra I .....	102
<b>Accelerated Integrated Pathway</b> .....	<b>117</b>
Overview .....	117
Accelerated 7 <sup>th</sup> Grade .....	126
8 <sup>th</sup> Grade Mathematics I .....	136
<b>Additional Mathematics Courses</b> .....	<b>147</b>
<b>References</b> .....	<b>148</b>