

# Honors / Advanced Programs in Mathematics and Reading for R. Roger Rowe Middle School

Board Presentation

December 9, 2022

# Background and Objectives

## Background:

- LCAP goal in the 2021-2024
- SSC worked on the goal in the 2021-2022 school year
  - Review of data
  - Survey to parents
  - Meetings with elementary and middle school teachers
  - Review of public and private middle schools and the honors/advanced programs they offer
- Meetings with San Dieguito School District Program Administrators and Staff
  - Discussed program alignment
  - Reviewed assessments
  - Will collaborate in the future on curriculum

## Objectives:

- Create a middle school math and reading program that allows **all learners access** to higher level math and reading content and rigor (**open access**)
- Ensure that students coming from R. Roger Rowe are prepared and can access the same course offerings and opportunities as students in neighboring SDUHSD middle schools
- Ensure that our math assessment practices for Honors and advancement (grade skip) are in alignment with all feeder elementary schools to SDUHSD and the SDUHSD middle schools
- Provide supportive bridges to higher level coursework if not initially enrolled
- Provide a path to an Honors designation for 8<sup>th</sup> grade diplomas

# San Dieguito Feeder Schools

## **San Dieguito Feeder School Districts:**

- Cardiff School District (K-6)
- Del Mar Union School District (K-6)
- Encinitas Union School District (K-6)
- **Rancho Santa Fe School District (K-8)\***
- Solana Beach School District (K-6)

None of the elementary feeder schools have advanced programs in reading or mathematics.

\*Only school with middle school (Grades 6-8)

## **San Dieguito Middle Schools (Grades 7 and 8):**

- Carmel Valley Middle School
- Diegueno Middle School
- Earl Warren Middle School
- Oak Crest Middle School
- Pacific Trails Middle School

# Mathematics

# Articulation to San Dieguito Mathematics Pathways

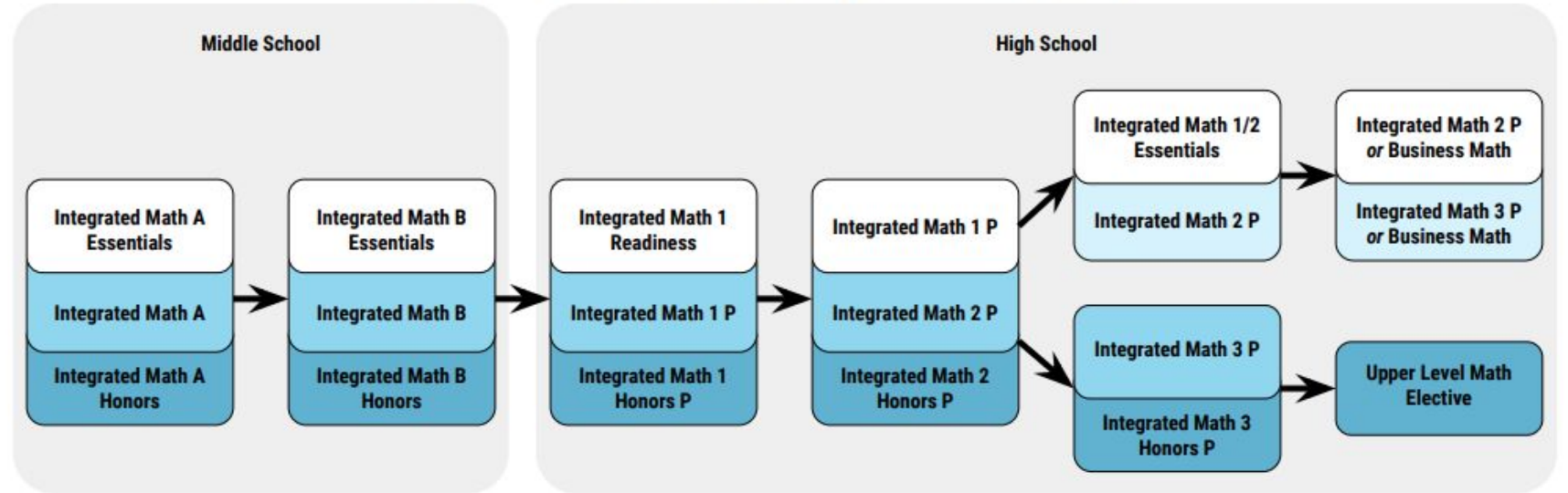
## **Articulation to San Dieguito Mathematics Pathways:**

- Assessment – Mathematics Diagnostic Testing Project (MDTP)
  - Students are assessed at their elementary school sites in the spring of their sixth grade year
  - Assessment of preparedness for seventh grade mathematics
  - Placement in one of three levels of courses:
    - Essentials (Slower pace, more support)
    - Integrated Math A (7<sup>th</sup> Grade, Grade Level Course)
    - Integrated Math A Honors (7<sup>th</sup> Grade Honors Course)
- Optional assessment – Integrated Math B Honors Readiness Test (IMBHRT)
  - For 6<sup>th</sup> grade students who are already on an accelerated math pathway and are interested in a greater challenge than 7<sup>th</sup> grade Integrated Math A Honors
  - Designed to measure a student's readiness to take Integrated Math B Honors (8<sup>th</sup> grade Honors course) as a 7<sup>th</sup> grade student
  - Assessment created by math team in the San Dieguito District
  - One-time grade skip
  - Must meet criteria for the one-time grade skip; pass assessment with 70% or higher
  - If students qualify, they are placed in Integrated Math B Honors with 8<sup>th</sup> grade students as 7<sup>th</sup> graders

# San Dieguito Math Courses

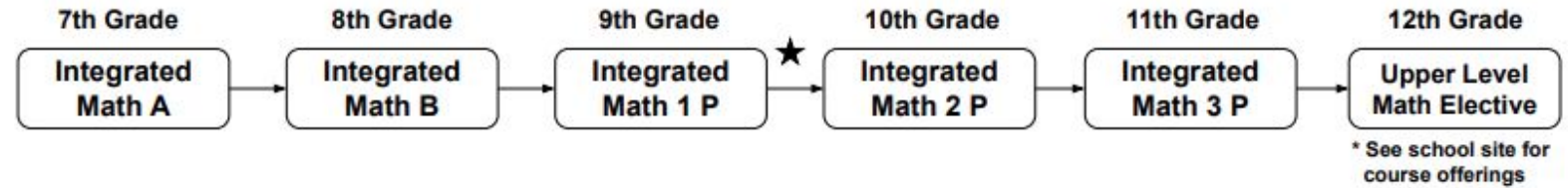
Revised 1/9/2020

## SDUHSD Math Pathway and Placement

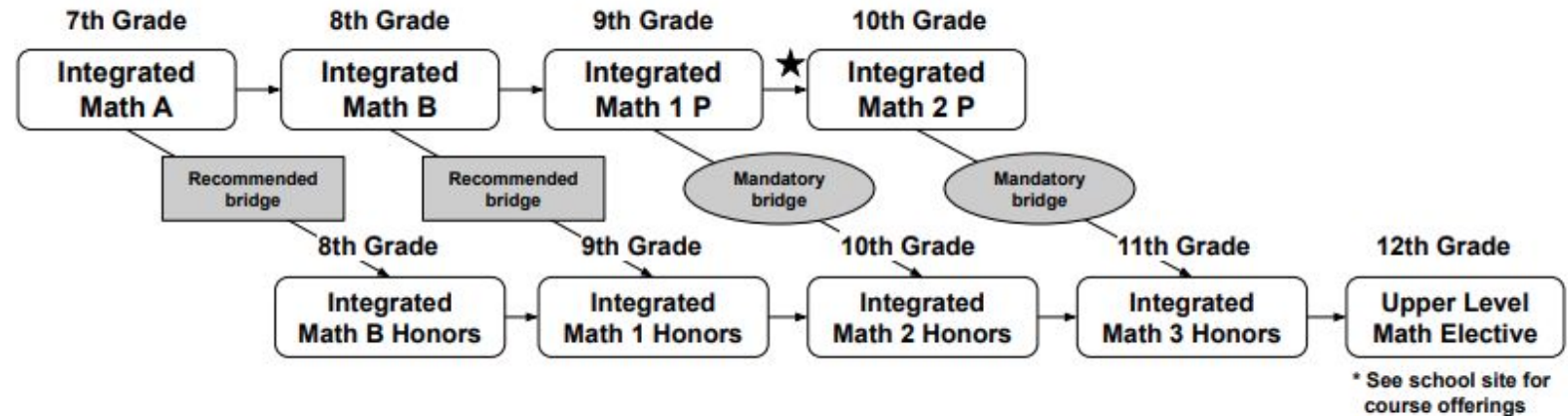


# San Dieguito Math Course Pathway

## SDUHSD Math Placement and Course Pathway



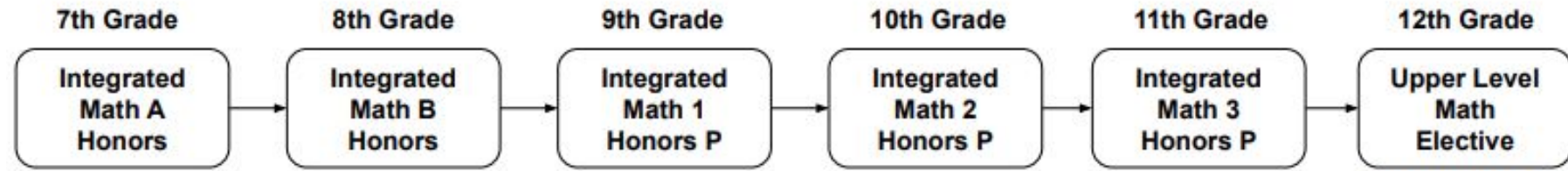
## Course Pathway (with Optional Bridge to Honors)



Level	Grade Earned	
Middle School	A, B, or C	Enroll in the grade level math course
	D	Recommend enroll in Essentials or Readiness
	F	Enroll in Essentials or Readiness
	<b>Bridge to Honors</b>	Any student with an A moving to Honors is strongly encouraged to complete the independent study summer bridge.

# San Dieguito Math Course Pathway

## SDUHSD Math Placement and Course Pathway - Honors Classes



\* See school site for course offerings

Level	Grade Earned	
Middle School	A or B	Enroll in the next <b>Honors</b> level math class.
	C	Recommend enroll in the next grade level math
	D	Recommend move to grade level non-honors course <ul style="list-style-type: none"> <li>• Move at the semester if 1st semester grade is D.</li> <li>• Move for the following year if grade is D at end of course.</li> </ul>
	F	Mandatory move to grade level non-honors course <ul style="list-style-type: none"> <li>• Student will be moved at the semester if 1st semester grade is F.</li> <li>• Student will be moved for the following year if grade is F at end of course.</li> </ul>
	<b>7th Grade Option</b>	Incoming 7th grade students who demonstrate mastery of Integrated Math A Honors content by passing the Integrated Math B Readiness Test assessment will have the option to enroll in Integrated Math B Honors.



# Middle School Math – Grade 6

Grade Level	Program Choices	Assessments/Recommended Criteria
<p><b>Grade 6</b></p> <p>All students are assessed in March of 5th grade for the initial placement into middle school courses.</p>	<p><b>Grade 6 Grade Level Mathematics</b></p>	<ul style="list-style-type: none"> <li>• Students who score below 85% on the fifth grade district benchmark are recommended for the grade level course.</li> <li>• Students who qualify for Honors may choose to enroll in a grade level course.</li> </ul>
	<p><b>Grade 6 Honors Mathematics</b></p> <p>Difference in acceleration, depth, and complexity</p>	<ul style="list-style-type: none"> <li>• Students who score an 85% or Above on the district benchmark, 90th percentile or higher on iReady, and 4's on their end of year report card in all areas of Mathematics are recommended for the Honors course.</li> <li>• <b>Students can elect Grade 6 Honors Mathematics on their course selection form if they don't test in and are willing to do additional work.</b></li> </ul>
	<p><b>Grade 7 Honors Mathematics (Grade skip)</b></p> <p>Difference in acceleration, depth, and complexity</p>	<ul style="list-style-type: none"> <li>• Students must meet the criteria for a grade skip (no open access).               <ul style="list-style-type: none"> <li>• Students who score a 93% or Above on the district benchmark, 95-99<sup>th</sup> percentile on iReady, and 4's on their end of year report card in all areas of Mathematics.</li> <li>• Students who take a recommended bridge program (or other means) and pass the required testing to show proficiency on Grade 6 Honors Mathematics course content will have the opportunity to enroll in Grade 7 Honors Mathematics. These students will attend class with Grade 7 Honors Mathematics students as 6th grade students.</li> </ul> </li> </ul>

# Middle School Math – Grade 7

Grade Level	Program Choices	Assessments/Recommended Criteria
Grade 7	<b>Grade 7 Grade Level Mathematics</b>	<ul style="list-style-type: none"> <li>Students enrolled in Grade 6 Grade Level Mathematics.</li> <li>Students who received a C or below in Grade 6 Honors Mathematics are recommended to enroll in Grade 7 Grade Level Mathematics.</li> </ul>
	<b>Grade 7 Honors Mathematics</b> Difference in acceleration, depth, and complexity	<ul style="list-style-type: none"> <li>Students who were successful in Grade 6 Honors Mathematics (A's, B's).</li> <li><b>Students can elect Honors Mathematics on their course selection form if they are willing to do additional work.</b> <ul style="list-style-type: none"> <li>Recommended bridge program for students who were in Grade 6 Grade Level Mathematics and are recommended to move to Grade 7 Honors Mathematics (A's both semesters), or elect to move to Grade 7 Honors Mathematics.</li> <li>No required testing.</li> </ul> </li> </ul>
	<b>Grade 8 Honors Mathematics (Grade skip)</b> Difference in acceleration, depth, and complexity	<ul style="list-style-type: none"> <li>Must meet criteria for a grade skip (not open access).               <ul style="list-style-type: none"> <li>Students who were successful in Grade 6 Honors Mathematics (A's, B's).</li> <li>Students who take a recommended bridge program (or other means), and pass the required testing on Grade 7 Honors Mathematics course content will have the opportunity to enroll in Grade 8 Honors Mathematics. They will attend class with Grade 8 Honors Mathematics students as 7th grade students.</li> </ul> </li> </ul>

# Middle School Math – Grade 8

Grade Level	Program Choices	Assessments/Recommended Criteria
Grade 8	<b>Grade 8 Grade Level Mathematics</b>	<ul style="list-style-type: none"> <li>Students enrolled in Grade 7 Grade Level Mathematics.</li> <li>Students who received a C or below in Grade 7 Honors Mathematics are recommended to enroll in Grade 8 Grade Level Mathematics.</li> </ul>
	<b>Grade 8 Honors Mathematics</b> Difference in acceleration, depth, and complexity	<ul style="list-style-type: none"> <li>Students who were successful in Grade 7 Honors Mathematics (A's, B's).</li> <li><b>Students can elect Honors Mathematics on their course selection form if they are willing to do additional work.</b> <ul style="list-style-type: none"> <li>Recommended bridge program for students who were in Grade 7 Grade Level Mathematics and are recommended to move to Grade 8 Honors Mathematics (A's both semesters), or elect to move to Grade 8 Honors Mathematics.</li> <li>No required testing.</li> </ul> </li> </ul>
	<b>Integrated Math 1 Honors (Grade skip)</b> (9 <sup>th</sup> Grade Honors Program)	<ul style="list-style-type: none"> <li>Students who took Grade 8 Honors Mathematics in 7th grade.</li> <li>Must meet criteria for a grade skip (no open access).               <ul style="list-style-type: none"> <li>Students who were successful in Grade 7 Honors Mathematics (A's, B's).</li> <li>Students who take a recommended bridge program (or other means), and pass the required testing on Grade 8 Honors Mathematics course content will have the opportunity to take Integrated Math 1 Honors.</li> </ul> </li> </ul>

# Math Assessments

## Assessment for Initial Honors Mathematics Placement in Sixth Grade

- All students test in March of 5<sup>th</sup> grade prior to parent conferences
- Utilize the fifth grade district benchmark
- Recommended Criteria for Honors Placement:
  - 85% or higher on the district benchmark
  - 90<sup>th</sup> percentile or higher on iReady
  - 4's on the end of year report card in all areas of Mathematics

## Assessment for Grade Skip

- Required testing in March of 5<sup>th</sup> grade for Grade 5 advanced students (93% or higher on district benchmark, 95<sup>th</sup> – 99<sup>th</sup> on iReady, and 4's on end of year report card in all areas of Mathematics). If students qualify, they may enroll in Grade 7 Honors Mathematics as 6<sup>th</sup> grade students.
  - Recommended bridge or other means to acquire Grade 6 Honors Mathematics course content
  - Required testing in the summer aligned to Grade 6 Honors Mathematics course content; test to be determined
- Required testing for the grade skip at the end of 6<sup>th</sup> grade for Grade 6 Honors Mathematics students who have earned A's and B's on their report cards. If students qualify, they may enroll in Grade 8 Honors Mathematics as 7<sup>th</sup> grade students.
  - Recommended bridge or other means to acquire Grade 7 Honors Mathematics course content
  - Required testing in the summer aligned to Grade 7 Honors Mathematics course content; test to be determined
- Required testing for the grade skip at the end of 7<sup>th</sup> grade for Grade 7 Honors Mathematics students who have earned A's and B's on their report cards. If students qualify, they enroll in Integrated Mathematics 1 Honors in 8<sup>th</sup> grade.
  - Recommended bridge or other means to acquire Grade 8 Honors Mathematics course content
  - Required testing aligned to Grade 8 Honors Mathematics course content; test to be determined

# Middle School Math Transition Plan

## 2022 – 2023 School Year

- Advanced Math will be maintained for the duration of the school year at 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade
- Testing in March of 5<sup>th</sup> grade for Grade 6 Honors Mathematics; and end of the year/summer for the grade skip to Grade 7 Honors Mathematics
- Testing in the summer after 6<sup>th</sup> grade for the grade skip to Grade 8 Honors Mathematics
- Testing in the summer after 7<sup>th</sup> grade for the grade skip to Integrated Mathematics I Honors
- Course selection form option to choose Honors Mathematics for the 23-24 school year at all grades (5<sup>th</sup> – 7<sup>th</sup>)
- Recommended bridge (ALEKS or other online program) for students wishing to grade skip; align with San Dieguito
  - Testing to ensure that students have completed the course
  - Criteria: To be determined, depending on the test selected
- Middle school math teachers will participate in professional development and the **curriculum review** with the San Dieguito teachers beginning in February (work being done with SDCOE secondary mathematics consultant) and will choose a new curriculum for the Honors Mathematics program and potentially the grade level mathematics program to implement in the 2024-2025 school year.
- Students who earned an A in the first semester and who elect to do additional work in preparation for Honors level courses next year will receive above grade level work in the second semester.

## 2023 – 2024 School Year

- Honors Mathematics offered at grades 6, 7, 8; curriculum to be determined
- Advanced Math Program at grade 7 (using 8<sup>th</sup> grade Honors curriculum), and 8 (Integrated Math 1 Honors curriculum)
- Testing in March of 5<sup>th</sup> grade for Grade 6 Honors Mathematics; and end of year/summer for the grade skip to Grade 7 Honors Mathematics
- Testing in the summer after 6<sup>th</sup> grade for the grade skip to Grade 8 Honors Mathematics
- Testing in the summer after 7<sup>th</sup> grade for the grade skip to Integrated Mathematics I Honors

## 2024 – 2025 School Year

- Honors Mathematics offered at grades 6, 7, 8; curriculum to be determined
- Advanced Math Program at grade 8 (Integrated Math 1 Honors)
- Testing in March of 5<sup>th</sup> grade for Grade 6 Honors Mathematics, and end of year/summer for the grade skip to Grade 7 Honors Mathematics
- Testing in the summer after 6<sup>th</sup> grade for the grade skip to Grade 8 Honors Mathematics
- Testing in the summer after 7<sup>th</sup> grade for the grade skip to Integrated Mathematics I Honors

# Reading

# Articulation to San Dieguito Feeder Schools

## **Articulation to San Dieguito Reading Pathways:**

- Fifth grade students who are avid readers, read above grade level texts, consistently earn 4's in reading on their report card, and score at an Advanced level on SBAC will be recommended to take the Grade 6 Honors level course.
- No assessment for placement purposes.

# Example English Grade Level and Honors Courses in SDUHSD

## English 7:

- Holt Anthology (short stories, poetry, expository selections) Chapters 1, 2, 4, and 5
- The Giver*, Lowery
- The Outsiders*, Hinton
- An introduction to Shakespeare through poetry or the play *A Midsummer Night's Dream*
- At least one of the following: *Holes*, Sachar; *Bearstone*, Hobbs; or *Taking Sides*, Soto
- Students self-select, and report on outside reading work as follows:
  - At least 3 self-selected novels

## Honors English 7:

- Holt Anthology (short stories, poetry, expository selections) Chapters 1, 2, 4, and 5
- The Giver*, Lowery
- Animal Farm*, Orwell
- A Midsummer Night's Dream*, Shakespeare
- The Outsiders*, Hinton
- Treasure Island*, Stevenson, or *The Pearl*, Steinbeck
- Students self-select, and report on outside reading work as follows:
  - At 4 or more self-selected novels



# Middle School Reading

Grade Level	Program Choices	Course/Recommended Criteria
<b>Grade 6</b>	<b>Grade 6 Grade Level Reading</b>	<ul style="list-style-type: none"> <li>Teachers' College Coursework as is currently being delivered</li> </ul>
	<b>Grade 6 Honors Reading</b> More depth and complexity, additional required reading work	<ul style="list-style-type: none"> <li>Students who are avid readers, read above grade level texts, consistently earn 4's in reading on their report card, and score at an Advanced level on SBAC will be recommended to take the course</li> <li>Students may elect Honors Reading on their course selection form if they don't have the above criteria and are willing to do the additional work</li> </ul>
<b>Grade 7</b>	<b>Grade 7 Grade Level Reading</b>	<ul style="list-style-type: none"> <li>Students enrolled in Grade 6 Grade Level Reading</li> <li>Students who receive a C or below in Grade 6 Honors Reading are recommended to enroll in Grade 7 Grade Level Reading</li> </ul>
	<b>Grade 7 Honors Reading</b> More depth and complexity, additional required reading work	<ul style="list-style-type: none"> <li>Students who were successful in Grade 6 Honors Reading (A's, B's)</li> <li>Students who have not previously been in Honors Reading may elect Grade 7 Honors Reading on their course selection form if they are willing to do the additional work</li> </ul>
<b>Grade 8</b>	<b>Grade 8 Grade Level Reading</b>	<ul style="list-style-type: none"> <li>Students enrolled in Grade 7 Grade Level Reading</li> <li>Students who receive a C or below in Grade 7 Honors Reading are recommended to enroll in Grade 8 Grade Level Reading</li> </ul>
	<b>Grade 8 Honors Reading</b> More depth and complexity, additional required reading work	<ul style="list-style-type: none"> <li>Students who were successful in Grade 8 Honors Reading (A's, B's)</li> <li>Students who have not previously been in Honors Reading may elect Honors Reading on their course selection form if they are willing to do the additional work.</li> </ul>

# Middle School Reading Transition Plan

## 2022 – 2023 School Year

- Students at all grades 6<sup>th</sup>, 7<sup>th</sup>, 8<sup>th</sup> will be offered the opportunity to take additional work in reading from January to June to prepare them for Honors coursework
  - Two or three required texts will be outlined as well as additional work
- Students in grades 5 – 7 will be able to select Honors Reading on their course selection form at the end of the year
- Teachers will review our current curriculum to provide a Grade Level Reading Program and an Honors Reading Program.

## 2023 – 2024 School Year

- Honors Reading Program at grades 6, 7, 8; curriculum to be determined
- Grade Level Reading Program at grades 6, 7, 8
- Honors designation for student diplomas if students complete Honors level program

# Next Steps

## **Work with Teachers**

- Curriculum work in Mathematics:
  - Use current adoption for Honors course and work to increase pace, depth, and complexity
  - Our mathematics teachers will join the San Dieguito School District teachers in their professional development sessions
- Curriculum Work in Reading:
  - Use current curriculum and work to enhance the adoption with more required reading, deeper analysis of text, etc.

## **Communication with Families**

- Informational Meeting with Middle School Families
- Informational Meeting with Elementary Families
- Communicate clearly on the website

## **Determine Elementary School Advanced Program.**

- Pathway
- Criteria
- Delivery of instruction
- Articulation to the Middle School Program