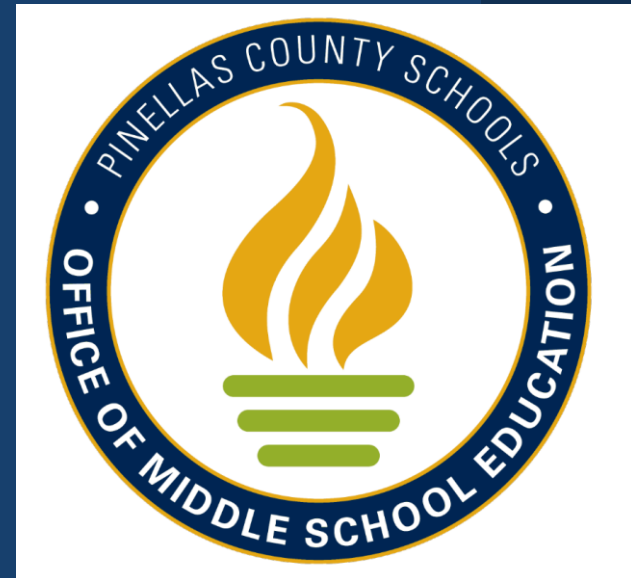


# Getting Ready: Taking the Right Courses For College Starts in Middle School!

**Dr. Dywayne B. Hinds, Sr.**

**Executive Director of Middle School Education**

**Pinellas County Schools**



# Objective

- Parents and guardians will gain insight into options for middle school students who are interested in Advanced Courses.

# Making the Decision

- A two- or four-year **college degree** is becoming more and more important for **unlocking the doors to economic and educational opportunity** in America today.
- Getting a college education requires **time, effort and careful planning** by parents and students.
- It provides knowledge and skills students will use for the rest of their lives to help them succeed in whatever they undertake.

# By going to college students:

- Get (and keep) a better job. Because the world is changing rapidly, and many jobs rely on new technology, more and more jobs require education beyond high school.
- Earn more money. On average a person who goes to college earns more than a person who does not.
- Get a good start in life. A college education helps your child acquire a wide range of knowledge in many subjects, as well as advanced knowledge in the specific subjects they are most interested in.

# Getting Ready: Taking the Right Courses For College Starts in Middle School

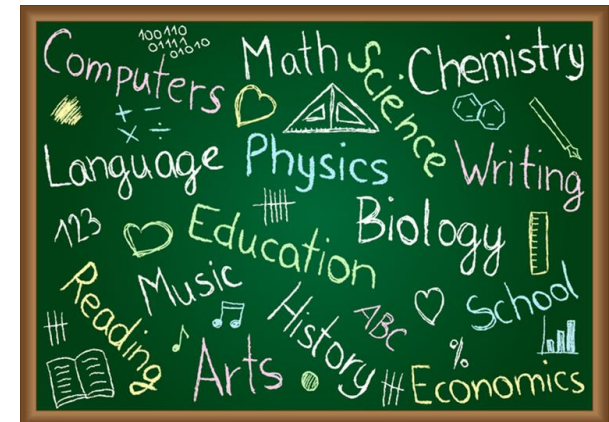
- By the time a child is in sixth grade, families should start talking about going to college.
- Make it clear that you expect your children to go to college, and together start planning how to get there.
- Everyone knows that high school courses and grades count for admission to college, but many people don't?
- Your child should plan a high school course schedule early, in the sixth or seventh grade.

# Challenging courses help kids get into college

- Research shows that students who take **algebra** and **geometry** early (by the end of the eighth and ninth grades) are much more likely to go on to college than students who do not.
- By taking algebra early in middle and junior high school, students can enroll in chemistry, physics and trigonometry.

# Accessing Advanced Coursework in High School begins in Middle School

- High school credit in Middle School = opportunity for college credit in High School
- In Pinellas County Schools most Middle Schools offer 7 high school credit classes for (7<sup>th</sup>) 8<sup>th</sup> graders
- Students should be challenged with support!



# Why is gaining high school credit in middle school important?

- *Exposure to high school level courses in the middle school provides the chance to explore rigorous material in a familiar environment.*
- This also allows for college level courses, such as Advanced Placement (AP) and Dual Enrollment courses to be taken in high school with the same benefits.
- Flexibility for Schedules
  - More room for AP level courses and dual enrollment
  - Allows room for magnet required electives and career courses



# Pinellas County Schools' Partnership with You

- 7 High School credit classes offered in Middle School
- 33 Advanced Placement Courses Plus Dual Enrollment Classes in High Schools
- SAT suite of assessments as a tool for growth

[www.SATpractice.org](http://www.SATpractice.org)

PCS Talent Identification Program (TIPs) for 7<sup>th</sup> graders  
PSAT 8/9 at the middle school level for all 8<sup>th</sup> graders

# How do you know in which content your child should consider advancing?

- FSA Scores (Reading & Math)
- Teacher Recommendations
- Academic Performance (school grades)
- Conversations with Your Child
  - What subject are they always talking about?
  - What type of TV shows, games, media do they gravitate towards?
  - What career area are they interested in?
  - What are their hobbies?

# How do you move your student into Advanced Course Work?

- School Counselor
- Assistant Principal for Curriculum
- Teacher Recommendation
- Asking Questions
- Course Request Form – Annually (January/February)
- Required Summer Bridge for Math and Science

# Course Pathways

- **Traditional Course** – Students who are on grade level based on the FSA assessment with scores of a 3 are placed in these courses.
- **Advanced Course** – Students who are above grade level based on the FSA assessment with scores of 4/5 are placed in these courses.
- **Accelerated Course** – Students who are above grade level based on the FSA assessment with scores of 5 are placed in these courses.
  - Math scores relate to Math and Science
  - Reading scores relate to Reading, ELA, Science, and Social Studies.
  - Centers for Gifted Studies have unique course progressions.
- **Open Access** – Student and Parent request for placement in advanced course work.

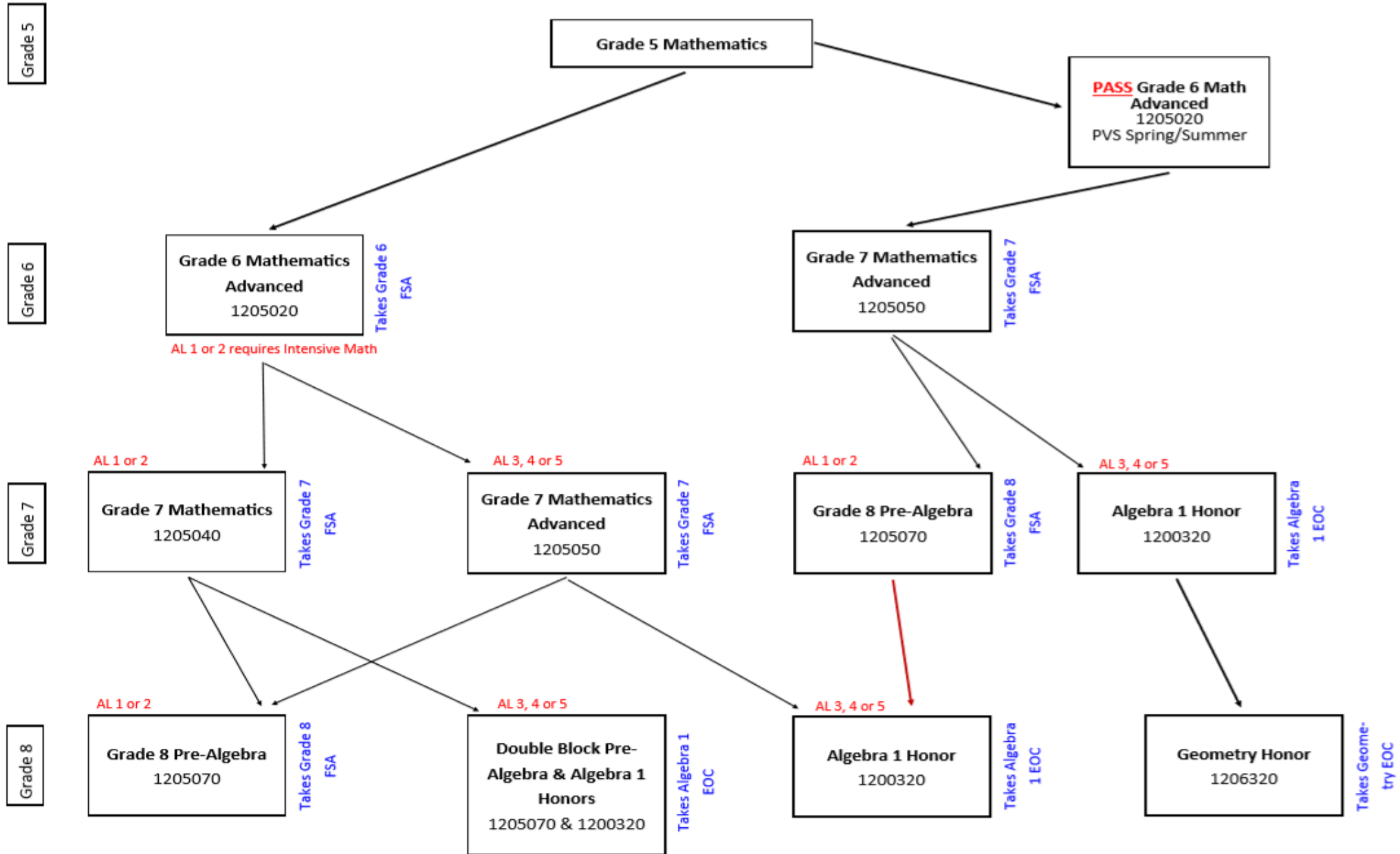
# Math Course Pathways

Grade	Traditional	Advanced	Accelerated
5 <sup>th</sup> Grade		M/J Grade 6 Math ADV (offered via Pinellas Virtual School).	
6 <sup>th</sup> Grade	M/J Math 6	M/J Grade 6 Math Advanced	<b>M/J Grade 6 Math Advanced</b> <b>(Prerequisite)</b>  M/J Grade 7 Math Advanced
7 <sup>th</sup> Grade	M/J Math 7	M/J Grade 7 Math Advanced	Algebra 1 or Algebra 1 Honors
8 <sup>th</sup> Grade	Pre-Algebra	Algebra 1 or Algebra 1 Honors	Geometry Honors
9 <sup>th</sup> Grade Course Options	Algebra 1	Geometry Honors	Algebra 2 Honors

# Math

- Students with an FSA score of a 3, 4 or 5 will be scheduled into the Advanced Math offerings at their school.
- Students who wish to take an accelerated pathway and scored a level 4 or 5 on the Mathematics FSA should take M/J Grade 6 Math Advanced through Pinellas Virtual School during the second semester of 5th grade and complete it in the summer between 5th and 6th grades.
- **Students who wish to move between traditional math to the Advanced Math course offerings will need to take a Summer Bridge course in order to learn missing content.**

## Middle School Mathematics Course Progressions: 2019-2020



Mathematics Standards by Course

	M/J Math 1	M/J Math 1 Adv	M/J Math 2	M/J Math 2 Adv	M/J Pre-Algebra
1	MAFS.6.EE.1.1	MAFS.6.EE.1.1	MAFS.7.EE.1.1	MAFS.7.EE.2.3	MAFS.8.EE.1.1
2	MAFS.6.EE.1.2	MAFS.6.EE.1.2	MAFS.7.EE.1.2	MAFS.7.EE.2.4	MAFS.8.EE.1.2
3	MAFS.6.EE.1.3	MAFS.6.EE.1.3	MAFS.7.EE.2.3	MAFS.7.G.1.1	MAFS.8.EE.1.3
4	MAFS.6.EE.1.4	MAFS.6.EE.1.4	MAFS.7.EE.2.4	MAFS.7.G.1.2	MAFS.8.EE.1.4
5	MAFS.6.EE.2.5	MAFS.6.EE.2.5	MAFS.7.G.1.1	MAFS.7.G.1.3	MAFS.8.EE.2.5
6	MAFS.6.EE.2.6	MAFS.6.EE.2.6	MAFS.7.G.1.2	MAFS.7.G.2.4	MAFS.8.EE.2.6
7	MAFS.6.EE.2.7	MAFS.6.EE.2.7	MAFS.7.G.1.3	MAFS.7.G.2.5	MAFS.8.EE.3.7
8	MAFS.6.EE.2.8	MAFS.6.EE.2.8	MAFS.7.G.2.4	MAFS.7.G.2.6	MAFS.8.EE.3.8
9	MAFS.6.EE.3.9	MAFS.6.EE.3.9	MAFS.7.G.2.5	MAFS.7.SP.1.1	MAFS.8.F.1.1
10	MAFS.6.G.1.1	MAFS.6.G.1.1	MAFS.7.G.2.6	MAFS.7.SP.1.2	MAFS.8.F.1.2
11	MAFS.6.G.1.2	MAFS.6.G.1.2	MAFS.7.NS.1.1	MAFS.7.SP.2.3	MAFS.8.F.1.3
12	MAFS.6.G.1.3	MAFS.6.G.1.3	MAFS.7.NS.1.2	MAFS.7.SP.2.4	MAFS.8.F.2.4
13	MAFS.6.G.1.4	MAFS.6.G.1.4	MAFS.7.NS.1.3	MAFS.7.SP.3.5	MAFS.8.F.2.5
14	MAFS.6.NS.1.1	MAFS.6.NS.1.1	MAFS.7.RP.1.1	MAFS.7.SP.3.6	MAFS.8.G.1.1
15	MAFS.6.NS.2.2	MAFS.6.NS.2.2	MAFS.7.RP.1.2	MAFS.7.SP.3.7	MAFS.8.G.1.2
16	MAFS.6.NS.2.3	MAFS.6.NS.2.3	MAFS.7.RP.1.3	MAFS.7.SP.3.8	MAFS.8.G.1.3
17	MAFS.6.NS.2.4	MAFS.6.NS.2.4	MAFS.7.SP.1.1	MAFS.8.EE.1.1	MAFS.8.G.1.4
18	MAFS.6.NS.3.5	MAFS.6.NS.3.5	MAFS.7.SP.1.2	MAFS.8.EE.1.2	MAFS.8.G.1.5
19	MAFS.6.NS.3.6	MAFS.6.NS.3.6	MAFS.7.SP.2.3	MAFS.8.EE.1.3	MAFS.8.G.2.6
20	MAFS.6.NS.3.7	MAFS.6.NS.3.7	MAFS.7.SP.2.4	MAFS.8.EE.1.4	MAFS.8.G.2.7
21	MAFS.6.NS.3.8	MAFS.6.NS.3.8	MAFS.7.SP.3.5	MAFS.8.EE.2.5	MAFS.8.G.2.8
22	MAFS.6.RP.1.1	MAFS.6.RP.1.1	MAFS.7.SP.3.6	MAFS.8.EE.2.6	MAFS.8.G.3.9
23	MAFS.6.RP.1.2	MAFS.6.RP.1.2	MAFS.7.SP.3.7	MAFS.8.EE.3.7	MAFS.8.NS.1.1
24	MAFS.6.RP.1.3	MAFS.6.RP.1.3	MAFS.7.SP.3.8	MAFS.8.EE.3.8	MAFS.8.NS.1.2
25	MAFS.6.SP.1.1	MAFS.6.SP.1.1		MAFS.8.F.1.1	MAFS.8.SP.1.1
26	MAFS.6.SP.1.2	MAFS.6.SP.1.2		MAFS.8.F.1.2	MAFS.8.SP.1.2
27	MAFS.6.SP.1.3	MAFS.6.SP.1.3		MAFS.8.F.1.3	MAFS.8.SP.1.3
28	MAFS.6.SP.2.4	MAFS.6.SP.2.4		MAFS.8.F.2.4	MAFS.8.SP.1.4
29	MAFS.6.SP.2.5	MAFS.6.SP.2.5		MAFS.8.F.2.5	
30		MAFS.7.EE.1.1		MAFS.8.G.1.1	
31		MAFS.7.EE.1.2		MAFS.8.G.1.2	
32		MAFS.7.NS.1.1		MAFS.8.G.1.3	
33		MAFS.7.NS.1.2		MAFS.8.G.1.4	
34		MAFS.7.NS.1.3		MAFS.8.G.1.5	
35		MAFS.7.RP.1.1		MAFS.8.G.2.6	
36		MAFS.7.RP.1.2		MAFS.8.G.2.7	
37		MAFS.7.RP.1.3		MAFS.8.G.2.8	
38				MAFS.8.G.3.9	
39				MAFS.8.NS.1.1	
40				MAFS.8.NS.1.2	
41				MAFS.8.SP.1.1	
42				MAFS.8.SP.1.2	
43				MAFS.8.SP.1.3	
44				MAFS.8.SP.1.4	
45					
46					
47					
48					
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52					
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55					

	Algebra 1	Algebra 1 Honors	Geometry Honors
1	MAFS.912.N-RN.1.1	MAFS.912.N-RN.1.1	MASF.912.G-C.1.1
2	MAFS.912.N-RN.1.2	MAFS.912.N-RN.1.2	MASF.912.G-C.1.2
3	MAFS.912.N-RN.2.3	MAFS.912.N-RN.2.3	MASF.912G-C.1.3
4	MAFS.912.N-Q.1.1	MAFS.912.N-Q.1.1	MASF.912G-C.1.4
5	MAFS.912.N-Q.1.2	MAFS.912.N-Q.1.2	MASF.912G-C.2.5
6	MAFS.912.N-Q.1.3	MAFS.912.N-Q.1.3	MASF.912.G-CO.1.1
7	MAFS.912.A-SSE.1.1	MAFS.912.A-SSE.1.1	MASF.912G-OC.1.2
8	MAFS.912.A-SSE.1.2	MAFS.912.A-SSE.1.2	MASF.912.G-CO.1.3
9	MAFS.912.A-SSE.2.3	MAFS.912.A-SSE.2.3	MASF.912G-OC.1.4
10	MAFS.912.A-APR.1.1	MAFS.912.A-SSE.2.4	MASF.912.G-CO.1.5
11	MAFS.912.A-CED.1.1	MAFS.912.A-APR.1.1	MASF.912.G-CO.2.6
12	MAFS.912.A-CED.1.2	MAFS.912.A-APR.2.2	MASF.912.G-CO.2.7
13	MAFS.912.A-CED.1.3	MAFS.912.A-APR.2.3	MASF.912.G-CO.2.8
14	MAFS.912.A-CED.1.4	MAFS.912.A-APR.3.4	MASF.912.G-CO.3.9
15	MAFS.912.A-REL.1.1	MAFS.912.A-APR.4.6	MASF.912.G-CO.3.10
16	MAFS.912.A-REL.2.3	MAFS.912.A-CED.1.1	MASF.912.G-CO.3.11
17	MAFS.912.A-REL.2.4	MAFS.912.A-CED.1.2	MASF.912.G-CO.4.12
18	MAFS.912.A-REL.3.5	MAFS.912.A-CED.1.3	MASF.912.G-CO.4.13
19	MAFS.912.A-REL.3.6	MAFS.912.A-CED.1.4	MASF.912.G-GMD.1.1
20	MAFS.912.A-REL.3.7	MAFS.912.A-REL.1.1	MASF.912.G-GMD.1.2
21	MAFS.912.A-REL.4.10	MAFS.912.A-REL.1.2	MASF.912.G-GMD.1.3
22	MAFS.912.A-REL.4.11	MAFS.912.A-REL.2.3	MASF.912.G-GMD.2.4
23	MAFS.912.A-REL.4.12	MAFS.912.A-REL.2.4	MASF.912.G-GPE.1.1
24	MAFS.912.F-IF.1.1	MAFS.912.A-REL.3.5	MASF.912.G-GPE.1.2
25	MAFS.912.F-IF.1.2	MAFS.912.A-REL.3.6	MASF.912.G-GPE.1.3
26	MAFS.912.F-IF.1.3	MAFS.912.A-REL.3.7	MASF.912.G-GPE.2.4
27	MAFS.912.F-IF.2.4	MAFS.912.A-REL.4.10	MASF.912.G-GPE.2.5
28	MAFS.912.F-IF.2.5	MAFS.912.A-REL.4.11	MASF.912.G-GPE.2.6
29	MAFS.912.F-IF.2.6	MAFS.912.A-REL.4.12	MASF.912.G-GPE.2.7
30	MAFS.912.F-IF.3.7a,b,e	MAFS.912.F-IF.1.1	MASF.912.G-MG.1.1
31	MAFS.912.F-IF.3.8	MAFS.912.F-IF.1.2	MASF.912.G-MG.1.2
32	MAFS.912.F-IF.3.9	MAFS.912.F-IF.1.3	MASF.912.G-SRT.1.1
33	MAFS.912.F-BF.1.1a,b	MAFS.912.F-IF.2.4	MASF.912.G-SRT.1.2
34	MAFS.912.F-BF.1.2	MAFS.912.F-IF.2.5	MASF.912.G-SRT.1.3
35	MAFS.912.F-BF.2.3	MAFS.912.F-IF.2.6	MASF.912.G-SRT.2.4
36	MAFS.912.F-BF.2.4a	MAFS.912.F-IF.3.7	MASF.912.G-SRT.2.5
37	MAFS.912.F-LE.1.1	MAFS.912.F-IF.3.8	MASF.912.G-SRT.3.6
38	MAFS.912.F-LE.1.2	MAFS.912.F-IF.3.9	MASF.912.G-SRT.3.7
39	MAFS.912.F-LE.1.3	MAFS.912.F-BF.1.1	MASF.912.G-SRT.3.8
40	MAFS.912.F-LE.2.5	MAFS.912.F-BF.1.2	MASF.912.G-SRT.4.10
41	MAFS.912.5-ID.1.1	MAFS.912.F-BF.2.3	MASF.912.G-SRT.4.11
42	MAFS.912.5-ID.1.2	MAFS.912.F-BF.2.4a	
43	MAFS.912.5-ID.1.3	MAFS.912.F-LE.1.1	
44	MAFS.912.5-ID.2.5	MAFS.912.F-LE.1.2	
45	MAFS.912.5-ID.2.6	MAFS.912.F-LE.1.3	
46	MAFS.912.5-ID.3.7	MAFS.912.F-LE.2.5	
47	MAFS.912.5-ID.3.8	MAFS.912.5-ID.1.1	
48	MAFS.912.5-ID.3.9	MAFS.912.5-ID.1.2	
49		MAFS.912.5-ID.1.3	
50		MAFS.912.5-ID.1.4	
51		MAFS.912.5-ID.2.5	
52		MAFS.912.5-ID.2.6	
53		MAFS.912.5-ID.3.7	
54		MAFS.912.5-ID.3.8	
55		MAFS.912.5-ID.3.9	



# Science Course Pathways

Grade	Traditional	Advanced	Accelerated
6 <sup>th</sup> Grade	M/J Science 1	M/J Science 1 Advanced	M/J Science 1 Accelerated Honors
7 <sup>th</sup> Grade	M/J Science 2	M/J Science 2 Advanced	M/J Science 2 Accelerated Honors
8 <sup>th</sup> Grade	M/J Science 3	M/J Science 3 Advanced	Physical Science 1 Honors
9 <sup>th</sup> Grade Course Selection	Physical Science or Earth Space Science	Earth Space Science or Biology (H)	Biology (H)

# Science

- Students with an FSA score of a 3,4 or 5 will be scheduled into the Advanced Science offerings at their school.
- Those students with a 5 may be scheduled into the Accelerated Science.
- **Students who wish to move between traditional science to the Advanced Science course offerings will need to take a Summer Bridge course in order to learn missing content.**



# English Language Arts Pathways

Grade	Traditional	Advanced	Accelerated
6 <sup>th</sup> Grade	M/J Language Arts 1	M/J Language Arts 1 Advanced	M/J Language Arts 1 Advanced
7 <sup>th</sup> Grade	M/J Language Arts 2	M/J Language Arts 2 Advanced	M/J Language Arts 2 Advanced
8 <sup>th</sup> Grade	M/J Language Arts 3	M/J Language Arts 3 Advanced	English 1 Honors
9 <sup>th</sup> Grade Course Selection	English 1	English 1 Honors	English 2 Honors

# Other Advanced & Accelerated Options

- World Language: Spanish, French, Chinese, American Sign Language Level 1 and Level 2
  - Is not required for entrance into a high school magnet program
  - Students from Dual-Immersion elementary programs have other options not listed.
- Business Technologies: Digital Information Technology in 8<sup>th</sup> grade is a high school level course.
  - Pre-requisite – One full year of technology coursework is required prior to DIT.
- Offerings vary per school.

# Supporting Students in Advanced Classes

- After School or Before School Clubs
- Extended Learning Program
- Khan Academy
- Algebra Nation
- PCSB.org
- Online Textbooks and Resources
- Personalize Learning Pathways (PLPs)

# Personalized Learning Pathway

- The **Personalized Learning Pathway** is a new online platform that helps students navigate their path to academic and career success.

## The PLP helps students:

- Build resumes and keep track of achievements, goals, hobbies, and volunteer and work experience.
- See their performance on assessments and access targeted lessons to improve.
- Track progress toward graduation and discover areas they may need to address.
- Keep track of advanced coursework, industry certifications and performance on college entrance exams to determine if they are ready for college and careers.

# Learn more about PLP

- Students can access the Personalized Learning Pathway through the Clever login on the home page of the PCS website or the Pinellas County Schools [Clever](#) page.
- <https://youtu.be/BTaeMme40c4>



# How Do I Become Involved In My Child's School and Education?

- ***Visit your school's parent/student organization, such as the Parent Teacher Student Association (PTSA).*** Go to a PTSA or other parent organization meeting in the spring before your child starts school. Find out how you can join and get involved. Contact your child's school to learn of meeting dates and times.
- ***Keep a family calendar.*** Ask for a copy of the upcoming year's school calendar and put important dates, such as open houses, parent conferences and holidays, on your family's calendar. Encourage your child to add items such as tests, project due dates and extracurricular activities. Make it a point to check it daily.

# How Do I Become Involved In My Child's School and Education?

- ***Attend school activities.*** Go to school functions, such as a curriculum and career night, a sporting event or student performance.
- ***Volunteer at home or at school.*** Participate by mentoring students, helping out in the media center or computer lab, or serving as an advisor for an extracurricular activity or club.
- ***Share your ideas.*** Find out which school committees seek to include parent representation, such as Title I, School Council and Family Engagement. Talk to the principal and other parents about getting involved in decision-making processes.
- ***Be an informed parent.*** Carefully read information sent home from the school on school policies, procedures, curriculum and meetings. Check out newsletters, websites and other resources. Learn how to use the parent portal so you can monitor your child's progress daily.
- ***Show your child that you care.*** Ask your child about his or her school day. Monitor your child's academic, social, and developmental performance. Get to know their interests and what truly motivates them to do better. Support them in those endeavors.

# Why Parent Involvement Matters?

- More *positive attitudes* toward school;
- Higher achievement, *better attendance*, and more *homework completed consistently*;
- *Higher graduation rates and enrollment rates in post-secondary education*;



# Given today's knowledge...

## 3-2-1 Reflection Activity

- 3- Surprising pieces of information you learned
- 2- Ideas you will use to grow
- 1- Goal you will make as a family to support your student's success

# Pinellas County Schools Department of Middle School Education How to access Middle School Information?

<https://www.pcsb.org/domain/161>

The screenshot shows the Pinellas County Schools website. The header features the PCS logo and navigation links for NEWSROOM, CALENDAR, and CONTACT. Below the header is a main navigation bar with links for HOME, ABOUT US, LEADERSHIP, DEPARTMENTS & DIVISIONS, SCHOOLS, EMPLOYMENT, REGISTRATION, and CALENDAR. A secondary navigation bar includes FAMILIES, STUDENTS, STAFF, COMMUNITY, and SCHOOL BOARD. The main content area displays the breadcrumb trail: Home > Departments & Divisions > Teaching and Learning Services. The page title is "Middle School Education" and it features a quote by Jerome Bruner: "True learning is figuring out how to use what you already know in order to go beyond what you already think." Below the quote is a link to "Meet our District Middle School Summer Bridge 2016 Team".

**Teaching and Learning Services**

- > Teaching & Learning
- > Latest News
- ☑ Early Childhood
- ☑ Elementary Education
- ☑ Middle School Education
  - > 6-8 Health Education
  - > 6-8 Mathematics
  - > 6-8 Reading and Language

Home > Departments & Divisions > Teaching and Learning Services

## Middle School Education

"True learning is figuring out how to use what you already know in order to go beyond what you already think." - Jerome Bruner

**Meet our District Middle School Summer Bridge 2016 Team**



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