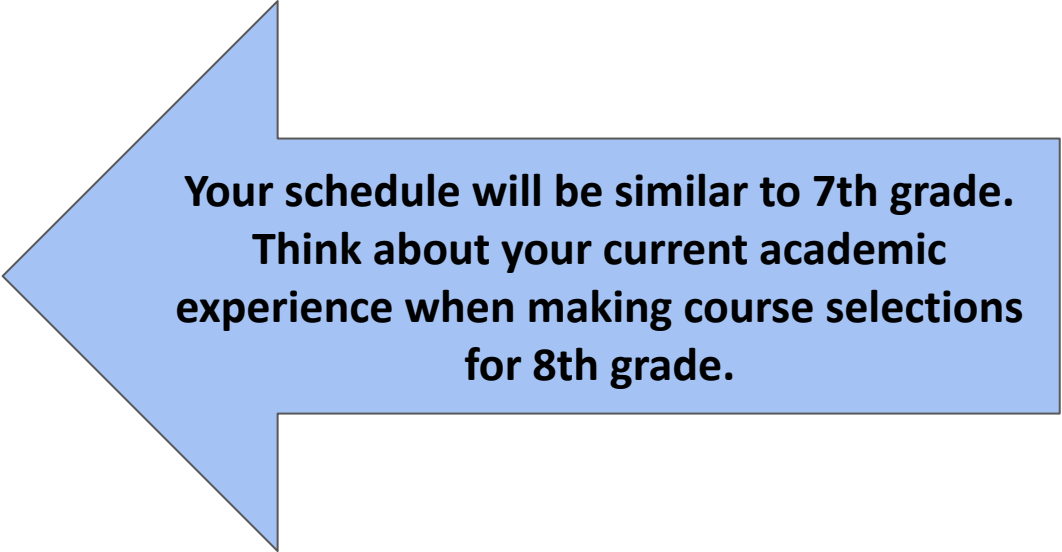




Langston Hughes Rising 8th Grade Registration

Preparing for 8th Grade

1. English 8
2. Civics
3. Science 8
4. Math
5. Health and PE 8
6. Elective
7. Elective



**Your schedule will be similar to 7th grade.
Think about your current academic
experience when making course selections
for 8th grade.**

What is New in 8th Grade?

- Students have more opportunities to earn **high school credits**.
- Students take **3 SOLs**:
 - Reading
 - Math
 - Science
- **Increased academic expectations** to prepare students for high school.
- **Advanced elective course** options are available.
- FCPS [Summer Learning](#) opportunities are available.
- Students should earn **15 service learning hours** by the end of 8th grade.
 - **Do not go to an elementary school without pre-arranging it with a specific teacher.**

International Baccalaureate Program

You are in the IB Middle Years Program

- All students in grades 7-10 at Langston Hughes and South Lakes participate.

Think you might be interested in the IB diploma?

- Take **Algebra** and a **World Language** by the end of 8th grade.
- Honors or AAP classes are the best preparation for the IB Diploma classes in high school.



Advanced Classes

When considering an honors class, as yourself:

- Are you passionate about the subject?
- Are you good at the subject?
- Are you willing to do more work and get help from teachers, as needed?

Thomas Jefferson High School

If you are interested in applying to TJ in 8th grade, you must take **Algebra 1 Honors or a higher math and honors or AAP Science and one additional honors or AAP class**. Please visit the [TJ Admissions website](#) for the most up to date information.

Course Options

- All students take Honors Civics.
- Honors courses open to all students:
 - Honors English 8
 - Honors Science 8
 - Algebra 1 Honors
- Honors Geometry requires successful completion of Algebra 1.
- AAP (Advanced Academics)
 - Students who are identified as level IV are automatically enrolled in AAP English, AAP Science, and AAP Civics.

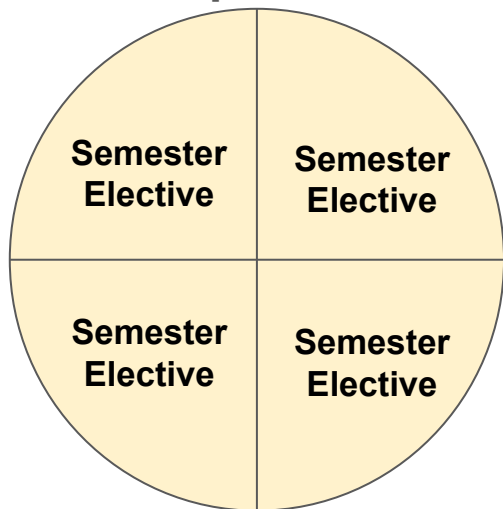
Math Course Options

7 th Grade	Math 7	Math 7 Honors	Algebra 1 Honors*	Geometry Honors*
8 th Grade	<ul style="list-style-type: none"> - Pre-Algebra - Algebra 1* - Algebra 1 Honors * <i>(Required for application to TJ.)</i> 	<ul style="list-style-type: none"> - Algebra 1* - Algebra 1 Honors * <i>(Required for application to TJ.)</i> 	<ul style="list-style-type: none"> Geometry Honors* <i>(Must complete Algebra 1 first.)</i> 	<ul style="list-style-type: none"> Algebra 2 Honors* <i>(Must complete Geometry first.)</i>

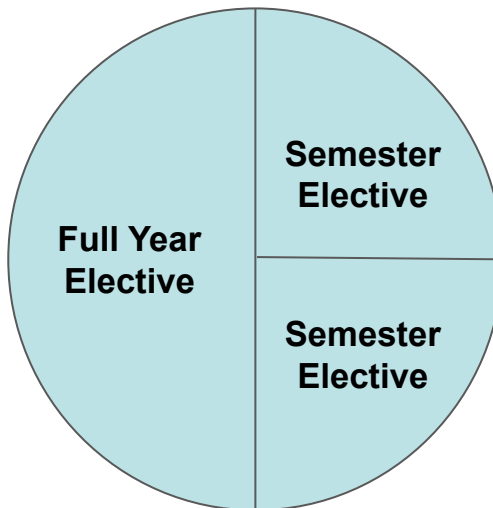
- Classes with a (*) are high school credit courses.
- **Thomas Jefferson High School:** If your student is interested in applying to TJ in 8th grade, they must take Algebra 1 Honors or a higher math class in 8th grade.

Elective Options

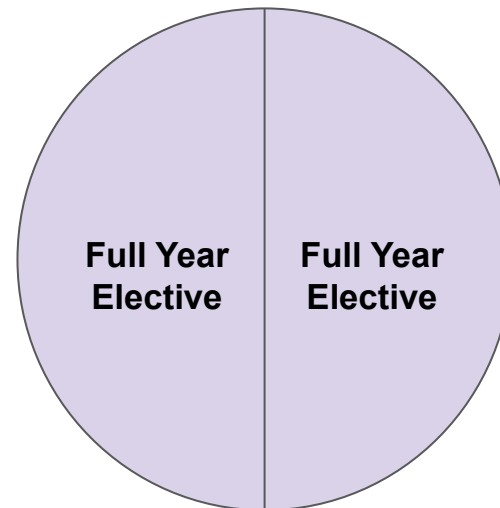
Option A



Option B



Option C



**Students have two periods in their schedule for electives.
Students may be placed in a reading or math elective based on their SOL scores.**

World Language

- All 8th grade World Language courses are full year, **high school credit** courses.
 - The final grade will be on your high school transcript and be calculated in your **GPA** (Grade Point Average).
- Taking a World Language course is like taking another core class; expect more homework and rigor.
- Take a **World Language class in 8th grade if you are interested in the IB Diploma.**

	Spanish	Spanish Immersion	French	German	Japanese
7th Grade	Spanish 1A	Spanish Immersion 1*	French 1A		
8th Grade	Spanish 1B* or Spanish 1*	Spanish Immersion 2*	French 1 B* or French 1*	German 1* At South Lakes	Japanese 1* At South Lakes

Classes with a (*) are high school credit courses.

Music

Full Year Courses*

- Band
- Orchestra
- Chorus



Semester Courses

- Chorus
- Music Lab



*Music program directors determine what level class students are placed in. For questions about placement, please contact the Band, Chorus, or Orchestra Director.

Art

Semester Courses

- Art Foundations
- Art Extensions
- You must take Art Foundations before Art Extensions.*
- 3-D Art
- Computers in Art



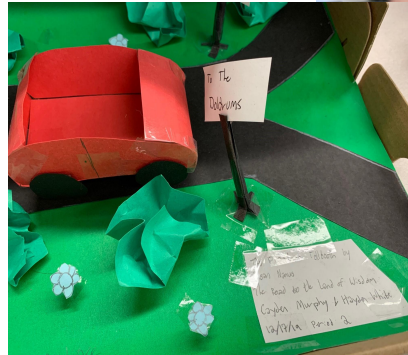
Theater Arts

Semester Courses

- Beginning Theater Arts
- Tech Theater
- Media Communications

Full Year Course

- Advanced Theater Arts
Approval from Ms. Dewenter is required.



Computers

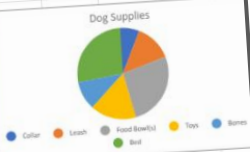
Semester Courses

- Computer Solutions
- Coding and Innovative Technologies

Must complete Computer Solutions before you take Coding)

```
1 var background1 = createSprite(200, 200);
2 background1.setAnimation("background_underwater_17_1");
3 //
4 var plantRocks = createSprite(50, 300);
5 plantRocks.setAnimation("underseadeco_03_1");
6 plantRocks.scale = 0.5;
7 //
8 var shark = createSprite(100, 200);
9 shark.setAnimation("shark_1");
10 shark.scale = 0.5;
11 //
12 var fish = createSprite(325, 320);
13 fish.setAnimation("fish_10_1");
14 fish.scale = 0.3;
15 //
```

Dog Expenses	
Adoption Fee:	\$250.00
Supplies:	
Collar	\$9.98
Leash	\$19.48
Food Bowl(s)	\$38.94
Toys	\$23.97
Bones	\$14.98
Bed	\$39.98
Supplies Total:	\$147.33
Food & Bags Per Month:	
Dry Food	\$28.93
Wet Food	\$109.93
Potty Bags	\$4.99
Food & Bags Total:	\$143.85
Grand Total:	\$539.29
Food & Bags Per Year:	\$1,703.52



Dog Supplies

- Collar
- Leash
- Food Bowl(s)
- Toy
- Bones



LHMS PRESENTS: SPIRIT WEEK:

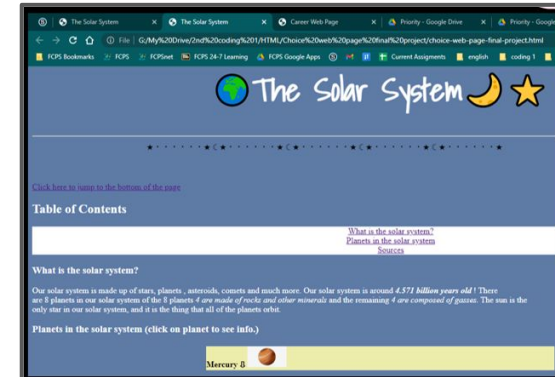
THE LIONS OF THE PANHERS

LHMS invites you to participate in the upcoming spirit week! Dress appropriately to fit the themes on the days given below.

Spirit Week Themes:

- 23rd Oct. **Monday**: Mini Me
- 24th Oct. **Tuesday**: Halloween Duos
- 25th Oct. **Wednesday**: Orange 7th Grade, Purple 8th Grade
- 26th Oct. **Thursday**: Day Of The Dead
- 27th Oct. **Friday**: PJ Day

Trick or Treat! Elio-Brungrul 6th Period



The Solar System

[Click here to return to the bottom of the page](#)

Table of Contents

- What is the solar system?
- Planets in the solar system
- Sevens

What is the solar system?

Our solar system is made up of stars, planets, asteroids, comets and much more. Our solar system is around 4,571 billion years old! There are 8 planets in our solar system of the 8 planets 4 are made of rocks and other minerals and the remaining 4 are composed of gases. The sun is the only star in our solar system, and it is the thing that all of the planets orbit.

Planets in the solar system (click on planet to see info)

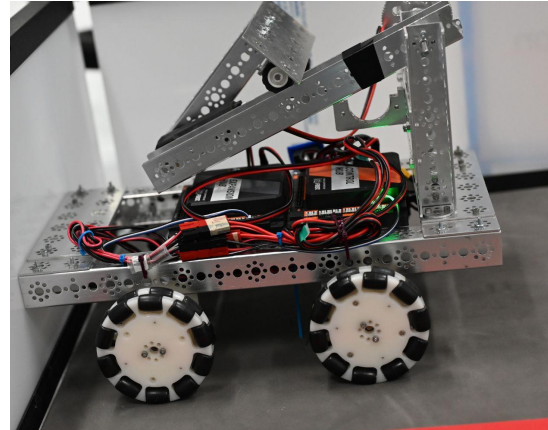
Mercury ☿

Engineering

Semester Courses

- Engineering 1
- Engineering 2
- Engineering 3

Students must take these classes in order.

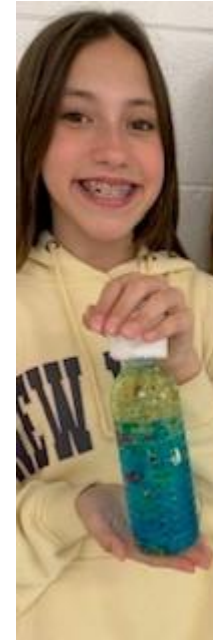


Family and Consumer Science

Semester Electives

- Family and Consumer Science 1
- Family and Consumer Science 2

*Students must take Family and Consumer Science 1 before they take Family and Consumer Science 2.



Other Electives

- **AVID**- full year elective
 - Instruction includes college exploration and support with organization, academics, and communication skills.
 - Students must apply to take this course.
- **Creative Writing**- semester elective
 - Students practice various types of writing including short stories and poetry.

Required Core Classes

Select your English, Science, and Math courses.

STEP 1: REQUIRED COURSES

Civics Honors *Except for small group classes or students receiving Advanced Academics Level IV services, all 8th grade students take Civics Honors*

Health and Physical Education 8

English – check one:

English 8
 English 8 Honors

Science – check one:

Science 8
 Science 8 Honors

Mathematics – check one:

Pre-Algebra
 Algebra 1 (*High school credit*)
 Algebra 1 Honors (*High school credit*)
 Geometry 1 Honors (*High school credit*)- *Must have taken Alg 1 HN*

Algebra in 8th grade is open enrollment, but we advise that students have completed Math 7 Honors or have a teacher recommendation.

Advanced Academics Level IV

English 8 AA
 Civics AA
 Science 8 AA

Year Long Electives

Students may take 1 or 2 full year electives. If you take 2 full year electives, you will not have any semester electives.

STEP 2: ELECTIVES (YEAR-LONG AND SEMESTER)

While we will make every effort to honor electives requests, due to the possibility of scheduling conflicts and staff availability students may not always get their first elective choices. Students in need of remediation or who fail an SOL test will take a support class in place of an elective.

YEAR-LONG ELECTIVES (Optional – Only Check if you would like to take Year-Long Electives)

Year-long elective choices will be given priority over semester elective choices. You may select up to two.

World Languages – select one

French 1 (*High school credit*)

French 1 Part B (*High school credit*)*

**Must have taken Part A*

Spanish 1 (*High school credit*)

Spanish 1 Part B (*High school credit*)*

**Must have taken Part A*

Spanish Immersion 2 (*High school credit*)*

**Must have taken Spanish Immersion 1*

German 1 (at SLHS school)* transportation provided for students within SLHS boundaries

Japanese 1 (at SLHS school)* transportation provided for students within SLHS boundaries

Performing Arts – select one

Band*

Chorus*

Orchestra*

**Students will audition for placement*

Advanced Theater Arts*

**Must have teacher recommendation*

AVID

AVID*

**Must have been interviewed and selected for this elective*

Advanced Diploma

Standard Credit

Passing a class
26 required

Verified Credit

Passing a class and the SOL
5 required

What makes an Advanced Diploma different?

- 4 credits for all core classes
- World Language requirement
- Additional course credits

[Click here for more FCPS Graduation Requirement Information](#)

Advanced Studies Diploma Course Requirements (8 VAC 20-131-50)

Subject Area	Standard Credits	Verified Credits
English	4	2
Mathematics ¹	4	1
Laboratory Science ²	4	1
History and Social Sciences ³	4	1
World Language ⁴	3	
Health and Physical Education	2	
Fine Arts or Career and Technical Ed	1	
Economics & Personal Finance	1	
Electives ⁵	3	
AP, HN, or IB Course or Career and Technical Education Credential ⁶		
First Aid/CPR/AED Training ⁷		
Total Credits ^{8,9}	26	5

Standard Diploma

Standard Credit

Passing a class
22 required

Verified Credit

Passing a class and the SOL
5 required

[Click here for more FCPS
Graduation Requirement
Information](#)



Standard Diploma Course Requirements (8 VAC 20-131-51)

Subject Area	Standard Credits	Verified Credits
English	4	2
Mathematics ¹	3	1
Laboratory Science ^{2,5}	3	1
History and Social Sciences ^{3,5}	3	1
Health and Physical Education	2	
World Language, Fine Arts or Career and Technical Ed ⁶	2	
Economics & Personal Finance	1	
Electives ⁴	4	
AP, HN, or IB Course or Career and Technical Education Credential ⁷		
First Aid/CPR/AED Training ⁸		
Total Credits ^{9,10}	22	5

Next Steps

- All students will meet with a school counselor to discuss their course selections.
- Students should discuss their course selections parents/guardians.
- Students are encouraged to ask their current teachers for suggestions, as needed.
- Return your completed course selections form to your U.S.History teacher by **March 1**.