



Spring Branch Academic Institute



December 2, 2019

Secondary Issue 15

Science Fair Winners

Congratulations to all the middle school students; your science fair projects were terrific. Your hard work was evident in your scientific process and your preparation for the presentation.

The list of winners is attached to the newsletter.

Final Exams

The SHS final exam schedule was slightly adjusted; latest schedule is attached including December 16 A/B schedule. SFMS just shared their final exam schedule. December 17 is the last full day with a final exam during 4th period. This is followed by periods 1 & 2, 3 & 5, and 6 & 7 over the last 3 days. Schedule attached

Spelling Bee

The secondary spelling bee will be Tuesday December 3 in the SFMS MPR at 8:30 am. Students in the competition should report directly to the MPR; they will rejoin their classes when their spelling bee is complete. Parents who would like to watch the spelling bee please be checked into SFMS before the bee begins. There will be an elementary and middle school SBAI representative at the district bee January 31.

Eighth Grade Trip to Alley Theatre

SFMS and SBAI will be attending The Christmas Carol Wednesday December 11. Please be on the lookout for a permission slip.

Video Contest

The [Take Care of Texas Video Contest](#) is underway! It's a fun way for 6th - 12th graders to learn about the environment and share that knowledge with others. To enter, participants create a 30-second video that shows positive ways to Take Care of Texas. Participating students must upload their entry on or before 4:00 p.m. Friday, Dec. 6, 2019, with the required documents.

Absences and early pick up

Please call the attendance clerk at SFMS, 713.251.4604, or SHS, 713.251.3406, if your student is going to be absent. Also, email Jim Lefeber and Lisa Helfer any absences or if picking up a student before dismissal.

Upcoming Events

- Dec 3** Secondary Spelling Bee SFMS 8:30
- Dec 4** SHS Football Banquet 5:00
- Dec 5** SFMS Winter Choir Concert 6:30
- Dec 6**
 - 1. SFMS Girls BB pictures before school
 - 2. SHS Food Truck Friday
 - 3. Take Care of Texas Video Submissions due 4
 - 4. SHS Tamale Sales Due
 - 5. SFMS Region Band Rehearsal 3
- Dec 11** 8th grade Alley Theater
- Dec 15** ConocoPhillips Math TOM Due
- Dec 16** SHS on A/B Day, see all classes
- Dec 17-20** Secondary Final Exams
- Dec 18-20** Secondary early dismissal
SHS 12:00, SFMS 12:35
- Dec 21** **Winter Break Begins**
- Jan 7** Students Return from Winter Break
- Jan 16** SBAI 8th Grade to Guthrie Center 11:30-2:00. We are not with SFMS
- Jan 22** SBAI 8th grade visits Stratford
- Jan 23** Geography Bee during Advisory
- Jan 25** SFMS Chess Tournament, 9:00 am
- Jan 27-28** Secondary Iowa testing days 1&2
- Jan 30**
 - 1. Secondary Iowa test day 3 of 3
 - 2. The Drowsy Chaperone
SHS Auditorium 7:30 pm
- Jan 31** District Spelling Bee WAIS 8:30 am
- Feb 7** All school Dance
- Feb 12** SHS Late Start 9:45, HS Only
- Feb 24** [SEFH](#) George R Brown
Set up projects 2:30-7:00
- Feb 25** SEFH George R Brown
Judging & Public Day 8 am-6:30 pm
- Feb 27** SFMS Early Release, 1:35
- Feb 29**
 - 1. SHS Big Day – volunteer event
 - 2. Hou. Public Media Spelling Bee
- Mar 25** Parent Night HS/MS 101 5:30 pm
- Apr 7** English I EOC, STAAR Math 5 & 8, STAAR Writing 4 & 7
- Apr 8** English II EOC, STAAR Reading 5,8
- Apr 9** STAAR Make Up
- Apr 20-21** 6th Grade DLPs SHS
- Apr 22** SHS Late Start 9:45, HS Only
- Apr 24** 9th Grade DLPs

SHS Band Tamale Sale

Tamales are \$13 per dozen. [Order](#) by December 6, 2019 to ensure your selections. Tamales will arrive HOT December 13 for SHS Staff and December 14 for everyone else. They can be refrigerated and eaten within 24 hours or frozen for later. We have chicken, pork, spicy pork and veggie.

Chess Club

Spring Forest is still in need of parent helpers for the Chess Club. Meetings are Mondays in the SFMS MPR from 3:35 – 5:00 PM. Please help if you can.

Spring Forest is having a chess tournament January 25, 2020 at 9:00 am at SFMS. Online Registration is at <http://chess.jliptrap.us/enter.htm>. Contact Leah Whitten with questions.

Student Surveys

Have you completed a survey for your child? If you have not done so yet, please complete the SBAI Parent Fall Survey 2019. We are asking for one survey for each SBAI child. The survey is found here: <https://forms.gle/9GN9xZB8tcNzryox7>

Second Annual SBAI Pathways Event

Planning for the 2nd Annual Pathways event in January 2020 is underway. Pathways is a two-day experience that allows SBAI learners to explore careers in an enjoyable, engaging way. If you are interested in contributing to this body of work, please contact [Susan Fargason](#).

Stratford Playhouse

Stratford Playhouse has lined up a very exciting 2019/2020 Season! It starts off with the whimsical play, "Peter and the Starcatcher." The big musical this winter will be fun and family-friendly: "The Drowsy Chaperone." And then we end the season with a bang with "Mamma Mia!" Season tickets went on sale Monday, August, 19th. Don't miss out on the chance to get the best seats in the house! Go to <http://www.shsplayhouse.org/> to get your tickets. Individual Tickets are on sale now for The Drowsy Chaperone. This will be the last Musical performance in the SHS Auditorium and it is sure to be a good one! Tickets may be purchased at www.shsplayhouse.org. Don't delay!

ConocoPhillips Math Teacher of the Month Program

Nominate an outstanding Houston math teacher! Repeat nominations are welcome. <http://ow.ly/rmQH50wTjZc>

SFMS PTA/Campus Communication

To receive regular details from SFMS, click on the link and add your email address to get the [SFMS PTA e-blast](#). Please read the e-Blast and this newsletter to stay informed.

Stratford PTSA/Campus Communication

Ninth and tenth-grade parents, please stay informed with upcoming events. To receive regular details from SHS, click on the link and add your email address to [Sign Up for Spartan Scoop](#). Please read the [PTA information](#) and this newsletter to stay informed.

Preparing for High School

Eighth-grade students will be asked to choose an endorsement, similar to a college major as it is an "area of interest" that students may pursue in high school. The five endorsement areas are Arts and Humanities, Business and Industry, STEM (Science, Technology, Engineering, Math), Public Service, and Multidisciplinary Studies. Students are able to earn more than one endorsement and change endorsement any time before their junior year. A pathway is a series of course options needed to earn a particular endorsement. There are several pathways within an endorsement.

Below is a Graduation Toolkit produced by the Texas Education Agency. [Graduation Toolkit English](#)

The link below allows you to see the pathways offered at Stratford High School – **page 27**. Click on the links to the five endorsements to find the possible pathways. Click on the pathways to see courses that would satisfy the pathway and earn the endorsement.

https://online.springbranchisd.com/cc/CourseCatalog_HS_2019-2020.pdf

Pathways of the Week

Business and Industry Endorsement with a [General Business Pathway](#).

Earn the Business and Industry endorsement by completing four credits within the CTE Business, Finance or Marketing Cluster, including one advanced course

Curriculum Update

Find more information by going to the teachers' Its Learning courses.

Haidar <https://sbisd.itslearning.com>. Login using student SBISD account, click Courses, find your class.

Sexton [Sbisd.itslearning.com/dillon](https://sbisd.itslearning.com/dillon).

Treleaven <https://sbisd.itslearning.com/tr11/blog/>

Wood <https://sbaimesomeknowledge.weebly.com/>

Alexander <https://sbisd.itslearning.com/alexanderl/about/>

Alexander

Math 6: Equations and Inequalities Exam

Math 7 (Pre-Algebra): Equations and Inequalities Exam

Geometry: Pythagorean Theorem Exam

Haidar

IPC: Series and Parallel Circuit

Biology: Population Genetics

Science: Laws of Motion

Sexton

Algebra 1: We will begin geometric sequences and series

Algebra 2: We will study applications of conics

PreCal: Unit 4, Trigonometry

Treleaven

ELA: Students will be workshopping each other's fictional stories this week.

Wood

WC & G: When we get back we will be having our "Where in Canada is Kamuk?" competition.

ELA Courage: Reading Journal #2 will be due the Wednesday after break. Please encourage the kids to read the comments on their Journal #1 so they can make improvements.

USH: When we return from break we will kick off our New Nation unit that will end with the 1st Annual SBAI Historic Dinner Party on February 14th.

Spring Forest Middle School Bell Schedule Monday, Tuesday, and Friday

6 th Grade	7 th Grade	8 th Grade
1 st Period 8:26 AM – 9:18 AM	1 st Period 8:26 AM – 9:18 AM	1 st Period 8:26 AM – 9:18 AM
2 nd Period 9:23 AM – 10:15 AM	2 nd Period 9:23 AM – 10:15 AM	2 nd Period 9:23 AM – 10:15 AM
3 rd Period 10:20 AM – 11:12 AM	3 rd Period 10:20 AM – 11:12 AM	3 rd Period 10:20 AM – 11:12 AM
LUNCH 11:17 AM – 11:46 AM	4 th Period 11:17 AM – 12:09 PM	4 th Period 11:17 AM – 12:09 PM
4 th Period 11:51 AM – 12:43 PM	LUNCH 12:14 PM – 12:43 PM	5 th Period 12:14 PM – 1:06 PM
5 th Period 12:48 PM – 1:40 PM	5 th Period 12:48 PM – 1:40 PM	LUNCH 1:11 PM – 1:40 PM
6 th Period 1:45 PM – 2:37 PM	6 th Period 1:45 PM – 2:37 PM	6 th Period 1:45 PM – 2:37 PM
7 th Period 2:42 PM – 3:35 PM	7 th Period 2:42 PM – 3:35 PM	7 th Period 2:42 PM – 3:35 PM

SBAI Bell and Bus Schedule

1 st Period 8:30 AM – 9:20 AM	Bus 8:20 SFMS → SHS
2 nd Period 9:25 AM – 10:20 AM	Bus 9:10 SHS → SFMS ; 9:23 SFMS → SHS (RT)
3 rd Period 10:25 AM – 11:15 AM	Bus 10:07 SHS → SFMS ; 10:20 SFMS → SHS (RT)
4 th Period 11:20 AM – 12:15 PM OR 11:55 – 12:50	Bus 11:04 SHS → SFMS ; 11:17 SFMS → SHS (RT)
5 th Period 12:20 PM – 1:10 PM	Bus 11:51 SFMS → SHS; 12:01 SHS → SFMS (RT)
OR 12:55 PM – 1:45 PM	Bus 12:14 SFMS → SHS; 12:35 SHS → SFMS (RT)
6 th Period 1:50 PM – 2:40 PM	Bus 12:48 SFMS → SHS; 12:58 SHS → SFMS (RT)
7 th Period 2:45 PM – 3:35 PM	Bus 1:32 SHS → SFMS ; 1:45 SFMS → SHS (RT)
	Bus 2:29 SHS → SFMS ; 2:42 SFMS → SHS (RT)
	Bus 3:25 SHS → SFMS

Spring Forest Middle School Wednesday Bell Schedule

6 th Grade	7 th Grade	8 th Grade
1 st Period 8:26 AM – 10:00 AM	1 st Period 8:26 AM – 10:00 AM	1 st Period 8:26 AM – 10:00 AM
3 rd Period 10:05 AM – 11:39 AM	3 rd Period 10:05 AM – 11:39 AM	3 rd Period 10:05 AM – 11:39 AM
LUNCH 11:44 AM – 12:17 PM	5 th Period 11:44 AM – 12:28 PM	5 th Period 11:44 AM – 1:18 PM
5 th Period 12:22 PM – 1:56 PM	LUNCH 12:33 PM – 1:06 PM	LUNCH 1:23 PM – 1:56 PM
7 th Period 2:01 PM – 3:35 PM	5 th Period 1:11 PM – 1:56 PM	7 th Period 2:01 PM – 3:35 PM
	7 th Period 2:01 PM – 3:35 PM	

SBAI Bell and Bus Schedule

1 st Period 8:30 AM – 10:05 AM	Bus 8:20 SFMS → SHS
3 rd Period 10:10 AM – 11:31 AM	Bus 9:52 SHS → SFMS ; 10:05 SFMS → SHS (RT)
5 th Period 12:25 PM – 2:00 PM	Bus 11:31 SHS → SFMS
7 th Period 2:05 PM – 3:25 PM	12:22 SFMS → SHS (RT)
	Bus 1:48 SHS → SFMS ; 2:01 SFMS → SHS (RT)
	Bus 3:25 SHS → SFMS

Spring Forest Middle School Thursday Bell Schedule

6 th Grade	7 th Grade	8 th Grade
2 nd Period 8:26 AM – 10:00 AM	2 nd Period 8:26 AM – 10:00 AM	2 nd Period 8:26 AM – 10:00 AM
Advisory 1 10:05 AM – 10:50 AM	Advisory 1 10:05 AM – 10:50 AM	Advisory 1 10:05 AM – 10:50 AM
Advisory 2 10:54 AM – 11:39 AM	Advisory 2 10:54 AM – 11:39 AM	Advisory 2 10:54 AM – 11:39 AM
LUNCH 11:44 AM – 12:17 PM	4 th Period 11:44 AM – 12:28 PM	4 th Period 11:44 AM – 1:18 PM
4 th Period 12:22 PM – 1:56 PM	LUNCH 12:33 PM – 1:06 PM	LUNCH 1:23 PM – 1:56 PM
6 th Period 2:01 PM – 3:35 PM	4 th Period 1:11 PM – 1:56 PM	6 th Period 2:01 PM – 3:35 PM
	6 th Period 2:01 PM – 3:35 PM	

SBAI Bell and Bus Schedule

2 nd Period 8:30 AM – 10:05 AM	Bus 8:20 SFMS → SHS
Advisory 1 10:05 AM – 10:50 AM	Bus 9:52 SHS → SFMS ; 10:10 SFMS → SHS (RT)
Advisory 2 10:54 AM – 11:39 AM	Bus 10:41 SHS → SFMS ; 10:55 SFMS → SHS (RT)
4 th Period 12:25 PM – 2:00 PM	Bus 11:31 SHS → SFMS
6 th Period 2:05 PM – 3:25 PM	12:22 SFMS → SHS (RT)
	Bus 1:48 SHS → SFMS ; 2:01 SFMS → SHS (RT)
	Bus 3:25 SHS → SFMS



Stratford High School Bell Schedules



Regular Schedule		
Period	Begin	End
1 or 2	7:45	9:13
3 or 4 (With Announcements)	9:19	10:50
Block Lunch	10:54	11:54
5 or 6	11:58	1:26
7 or 8	1:32	3:00

Assembly Schedule		
Period	Begin	End
1 or 2	7:45	9:01
Assembly	9:01	9:46
3 or 4	9:52	11:12
Block Lunch	11:16	12:16
5 or 6	12:20	1:37
7 or 8	1:43	3:00

Spartan Time Schedule		
Period	Begin	End
1 or 2	7:45	9:02
3 or 4	9:08	10:26
Block Lunch	10:30	11:30
5 or 6	11:34	12:51
Spartan Time (With Announcements)	12:57	1:37
7 or 8	1:43	3:00

Pep Rally Schedule		
Period	Begin	End
1 or 2	7:45	9:03
3 or 4 (With Announcements)	9:09	10:30
Block Lunch	10:34	11:34
5 or 6	11:38	12:56
7 or 8	1:02	2:20
Pep Rally	2:20	3:00

Late Start Schedule		
Period	Begin	End
1 or 2	9:45	10:43
3 or 4 (With Announcements)	10:49	11:50
Block Lunch	11:54	12:54
5 or 6	12:58	1:56
7 or 8	2:02	3:00

Food Truck Schedule		
Period	Begin	End
1 or 2	7:45	9:06
3 or 4 (With Announcements)	9:12	10:35
Block Lunch	10:39	12:09
5 or 6	12:13	1:34
7 or 8	1:40	3:00

Congratulations!

Science Fair Top Projects

We are proud of all of the projects. Well done Dragons!

Place	Id	Grade	Title	Students	Category
1	1	6	Electromagnetic trains	Stephanie Shen, Kelly Xiong	Energy & Transportation
2	8	6	Bacteria: Where are they now?	Saige Jurek	Medicine & Health
3	4	6	Does Music Affect One's Ability To Solve Puzzles	Benjamin Guo, Alex Cheng	Behavioral and Social Sciences

1	3	7	Will higher expectations lead to improved performance?	Savera Karia	Behavioral and Social Sciences
2	19	7	What is the Best Way to Wash Fruit?	Tyler Fargason	Medicine & Health
3	5	7	The Disruption of Air Caused by Certain Objects of Various Configuration	Adam Teske	Engineering
3	13	7	Strawberry rot experiment	Sarah Haywood, Bridget Hoffman	Plant Sciences

1	2	8	School Safety Film: Worth the Investment?	Allie Weinhardt	Engineering
2	35	8	Heat Resistance and Water Proofing of Cooking Gloves	Amelia Bommer	Chemistry
3	28	8	The Effect of Temperature on the Human Body and Mind	Caroline Graham, Lucy Hamilton	Behavioral and Social Sciences

Wild Cards					
32	8	Is it Safe to Burn	Daniel Hill		Chemistry
16	8	Influence of Peer Pressure on Boys vs Girls	Shelby Blackwood		Behavioral and Social Sciences
27	8	A Car Buyer's Guide for Environmentally Friendly Cars	Caroline Larrabee, Emily Hopkins		Energy & Transportation

Stratford A/B Day Bell Schedule

Monday, December 16, 2019

7:45 – 8:26	1 st Period
8:32 – 9:14	2 nd Period
9:20 – 10:02	3 rd Period
10:08 – 10:50	4 th Period
10:54 – 11:54	Block Lunch
11:58 – 12:39	5 th Period
12:45 – 1:26	6 th Period
1:32 – 2:13	7 th Period
2:19 – 3:00	8 th Period

Stratford HS Final Exam Schedule Fall 2019

NON-TEST DAYS

Thursday, Dec. 12

Friday, Dec. 13

Monday, Dec. 16

"A" Day – Power Review

"B" Day – Power Review

"A/B" Day

Tuesday, Dec. 17

7:45–9:45 Period 2 *Exam

9:51–11:51 Period 4 *Exam

11:55 – 12:55 Block Lunch

12:59–1:57 Period 6 *Class

2:03–3:00 Period 8 *Class

All students must clear the building at 3:05
unless staying for tutorials or makeup exams.

Wednesday, Dec. 18

7:45–9:45 Period 5 Exam

9:51–11:50 Period 7 Exam

11:50-12:05 Lunch

12:05 Buses leave

All students must clear the building at 12:10
unless staying for tutorials or makeup exams.

Thursday, Dec. 19

7:45–9:45 Period 6 Exam

9:51–11:50 Period 8 Exam

11:50-12:05 Lunch

12:05 Buses leave

All students must clear the building at 12:10
unless staying for tutorials or makeup exams.

Friday, Dec. 20

7:45–9:45 Period 1 Exam

9:51–11:50 Period 3 Exam

11:50-12:05 Lunch

12:05 Buses leave

All students must clear the building at 12:10
unless staying for tutorials or makeup exams.

- Students must stay the entire class period during both classes and finals. No early dismissal.
- Students who remain on campus and do not have a final exam must report to the Snack Bar for the entire exam period.
- By district policy, no final exams may be given early.

December 17 SBAI Bus Schedule

4th Per SBAI Haidar & Wood

4th Per SFMS Performing Arts

1st Period 8:30 AM – 9:10 AM

2nd Period 9:15 AM – 9:55 AM

3rd Period 10:00 AM – 10:40 AM

LUNCH 10:45 AM – 11:15 AM

4th Period 11:20 AM – 1:20 PM

5th Period 1:25 PM – 2:05 PM

6th Period 2:10 PM – 2:50 PM

7th Period 2:55 PM – 3:35 PM

4th Per SFMS

Non-Performing-Arts Electives

1st Period 8:30 AM – 9:10 AM

2nd Period 9:15 AM – 9:55 AM

3rd Period 10:00 AM – 10:40 AM

4th Period Review 10:45 – 11:15

LUNCH 11:20 AM – 11:50 AM

4th Period 11:55 AM – 1:20 PM

5th Period 1:25 PM – 2:05 PM

6th Period 2:10 PM – 2:50 PM

7th Period 2:55 PM – 3:35 PM

4th Per SBAI Alexander & Sexton

4th Per SFMS Foreign Language

1st Period 8:30 AM – 9:10 AM

2nd Period 9:15 AM – 9:55 AM

3rd Period 10:00 AM – 10:40 AM

4th Period 10:45 AM – 12:45 PM

LUNCH 12:50 PM – 1:20 PM

5th Period 1:25 PM – 2:05 PM

6th Period 2:10 PM – 2:50 PM

7th Period 2:55 PM – 3:35 PM

SBAI Bell and Bus Schedule

1st Period 8:30 AM – 9:10 AM

2nd Period 9:15 AM – 9:55 AM

3rd Period 10:00 AM – 10:40 AM

4th Period 10:45 AM – 12:42 PM OR 11:20 AM – 1:15 PM

5th Period 1:20 PM – 2:00 PM

6th Period 2:05 PM – 2:40 PM

7th Period 2:45 PM – 3:35 PM

Bus 8:20 SFMS → SHS

Bus 9:02 SHS → SFMS; 9:15 SFMS → SHS (RT)

Bus 9:47 SHS → SFMS; 10:00 SFMS → SHS (RT)

Bus 10:32 SHS → SFMS; 10:45 SFMS → SHS (RT)

Bus 11:20 SFMS → SHS; **12:42 SHS → SFMS** (RT)

Bus 1:12 SHS → SFMS; 1:25 SFMS → SHS (RT)

Bus 1:57 SHS → SFMS; 2:10 SFMS → SHS (RT)

Bus 2:42 SHS → SFMS; 2:55 SFMS → SHS (RT)

Bus 3:25 SHS → SFMS

December 18 – 20 SBAI Schedule No Buses

Groups	12/18	12/19	12/20
8:30-8:40 1 st Exam Review 8:40-10:10 1 st Exam 10:15– 10:35 Lunch 10:40 – 11:00 2 nd Exam Review 11:00-12:30 2 nd Exam	Exams Per 1 & 2 Period 2: All SFMS electives except PE	No SBAI Students in this group	Exams Per 6 & 7 Period 7: Ms. Suess
8:30-8:40 1 st Exam Review 8:40-10:10 1 st Exam 10:14-10:34 2 nd Exam Review 10:38-10:58 Lunch 11:02-12:30 2 nd Exam	No SBAI Students in this group	No SBAI Students in this group	Exams Per 6 & 7 Period 7: Ms. Praget
8:30-8:40 1 st Exam Review 8:40-10:10 1 st Exam 10:14-10:34 2 nd Exam Review 10:34-12:06 2 nd Exam 12:10-12:30 Lunch	Exams Per 1 & 2 Period 2: All SBAI classes and SFMS PE	Exams Per 3 & 5 Period 5: All SBAI classes and all SFMS electives	Exams Per 6 & 7 Period 7: All SBAI classes and all SFMS electives except Spanish

	Wednesday 12/18	Thursday 12/19	Friday 12/20
First Exam	1 st Period	3 rd Period	6 th Period
Second Exam	2 nd Period	5 th Period	7 th Period
Rooms	MPR: Alexander, Treleaven, Wood D207 – Haidar, Sexton	MPR: Alexander, Treleaven, Wood D207 – Haidar, Sexton	MPR: Alexander, Treleaven, Wood D207 – Haidar, Sexton

SHS Final Exam period 2 – Tuesday 7:45–9:45 Sexton (middle school 2nd period – 9:14 – 9:55)

SHS Final Exam period 1 – Friday 7:45–9:45 Treleaven (middle school 6th period 8:30 – 10:10)

Pathways of the Week

STEM Math

August 26, 2019

Pathway of the Week

STEM Endorsement with a [Mathematics Pathway](#). Students may earn a STEM Endorsement by completing Algebra I, Geometry, and Algebra II along with two additional math credits that have Algebra II as a pre-requisite.

Business & Industry Lang Arts

September 2, 2019

Pathway of the Week

Business & Industry Endorsement with a [Language Arts Electives Pathway](#). Students may earn an Endorsement in Business & Industry by earning four English Language Arts elective credits which include 3 levels in one area.

Business & Industry Tech Apps

September 9, 2019

Pathway of the Week

Business & Industry Endorsement with a [Technology Applications Pathway](#). Students may earn the Business & Industry Endorsement by successfully completing four technology applications credits.

Public Service Health

September 16, 2019

Pathway of the Week EDITS NEEDED

Public Services Endorsement with a Health Science - [Health Science Cluster](#).

Medical Health Professions are the largest and fastest-growing industries in Texas. This area of study will prepare you for a career that promotes health, wellness and diagnosis, and treats injuries and diseases. Receive technical certifications in First Aid/CPR/AED; NPA Certified Phlebotomist or other higher-level Healthcare certification.

Pharmacy Technicians learn the technical and knowledge base skills and work habits required for an entry-level position in the pharmacy field or other related areas. On successful completion of this course and graduation, you will have the opportunity to sit for the Pharmacy Technician Certification Exam (PTCE). This capstone course is designed for those students interested in pursuing a Pharmacy Tech certification Technical Certifications: First Aid/CPR/AED Certification; Pharmacy Technician Certification (PTCE); National Sterile Products IV Certification

Arts & Humanities Fine Arts

September 23, 2019

Pathway of the Week

Arts & Humanities Endorsement with a [Fine Arts Pathway](#). Students may earn the Arts & Humanities Endorsement by earning four credits in Fine Arts from one or two disciplines: Art, Dance, Music, Theater.

September 30, 2019

Pathway of the Week

Multidisciplinary Endorsement with a [Four by Four Pathway](#). Students may earn the Multidisciplinary Endorsement by earning 1 additional Social Studies credit beyond the three required credits.

STEM Science

October 7, 2019

Pathway of the Week

STEM Endorsement with a [Science Pathway](#). Students may earn a STEM Endorsement by completing Biology, Chemistry, Physics, and two additional science credits

Business & Industry Architectural Design

October 14, 2019

Pathway of the Week

Business and Industry Endorsement with an [Architecture and Construction Pathway](#).

The Architectural Design Pathway will provide students with an understanding of the opportunities and skills needed for careers in the architectural design industry. Topics include architectural history, architectural sketching, perspectives, technical drawing, and will learn to use industry standard software programs Auto CAD, Revit, Photoshop, and SketchUp. Students will have the opportunity to take nationally recognized Auto Cad Certified User and Auto Desk Revit Architecture Certified User certification exams

The Electrical Technician Pathway provides students with an understanding of the opportunities and skills needed for a career as an electrician. This pathway offered as a dual credit work force program in partnership with Houston Community College and Trio Electric. Successful completion of the program leads to a Level 1 Workforce Certificate through HCC. Technical Certification: OSHA General 10 Hour Certification, NCEER Level 1 Certificate, NCEER Level 2 Certificate

The Interior Design Pathway will provide students with an understanding of the opportunities and skills needed for careers in the interior design industry. Topics include elements and principles of design, color theory, space planning, furniture arrangement, lighting, color schemes, textures, fabrics, floor planning, furniture design and style for both the residential and commercial design needs.

Business & Industry Info Tech

October 21, 2019

Pathways of the Week

Business and Industry Endorsement with a Pathway in the [Information Technology Cluster](#). [Guthrie Website](#)

The Computer Networking Pathway will provide students with an understanding of the opportunities and skills needed for careers in computer networking. Topics include learning how to configure routers and setup small networks using many commercial design and network administrator tools. Students have the opportunity to earn CCENT (Cisco Certification Entry Network Technician) certification.

The Computer Service Technician Pathway will provide students with an understanding of the opportunities and skills needed for careers in the computer service industry. Topics include assembling and configuring computers, installing operating systems, software, and setting up/ troubleshooting hardware, software and networks. Students have the opportunity to earn a CompTIA A+ certification.

The Geological Data Technician Pathway will provide students with an understanding of the opportunities and skills needed for careers as a Geo-Technician. Topics include basic programming, viewing, interpreting and analyzing data, reading data maps, use GIS databases, and design and prepare graphic representation of GIS data. Students have the opportunity to earn a Microsoft Office Specialist Word certification.

Public Service Education

October 28, 2019

Pathways of the Week

Public Service Endorsement with a Pathway in the [Education and Training Cluster](#)

Earn the Public Services endorsement by completing four credits within the CTE Education and Training cluster including one advanced course.

Arts & Humanities LOTE

November 4, 2019

Pathway of the Week

Arts & Humanities Endorsement with a [Languages Other than English \(LOTE\) Pathway](#).

Students may earn the Arts & Humanities Endorsement by earning four credits of the same language or two credits each in two separate languages.

Multidisciplinary AP

November 11, 2019

Pathway of the Week

Multidisciplinary Endorsement with a [Pathway of four total credits in Advanced Placement \(AP\), International Baccalaureate \(IB\), or Dual Credit](#).

STEM Computer Science

November 18, 2019

Pathway of the Week

STEM Endorsement with a [Computer Science Pathway](#). Students may earn a STEM Endorsement by completing a coherent sequence of 4 credits in Computer Science.

Business & Industry Finance

January 28, 2019

Pathways of the Week

Business and Industry Endorsement with a [General Business Pathway](#).

Earn the Business and Industry endorsement by completing four credits within the CTE Business, Finance or Marketing Cluster, including one advanced course