

CAREER PATHWAYS



TRICENTENNIAL THEME: Workforce

SUBJECT: Career Development

GRADE BAND/LEVEL: Middle School/Grades 6-8

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TEKS:

6th	7th	8th
127.3.1 E,G	127.3.1 E,G	127.3.1 E,G
127.4.2 A-E	127.4.2 A-E	127.4.2 A-E

DESCRIPTION:

Students will research their local high school and available magnet programs through their district in order to plan out courses needed for their future careers. They will research using the district's website, by visiting the school(s), or by calling and speaking with a guidance counselor. Two (2) 55-80 minute classes.

LESSON OBJECTIVES:

- 1 Think about what you need to do in high school in order to prepare for your future career.
- 2 Research local high school and career oriented magnet programs available in your district.
- 3 Analyze courses and skills needed in order to prepare for a specific career in high school.

MATERIALS NEEDED:

Access to the internet
Career Pathway Planning Tool Worksheet
Writing utensils
Example district website resources-

San Antonio ISD Magnet Programs:

http://www.saisd.net/main/index.php?option=com_content&view=article&id=6070&Itemid=0

Sam Houston High School (Houston ISD) Career and Technical Pathways and Course Information (can be useful to get an idea of courses needed for any career path at other schools- students can call/visit their schools to see if similar courses are offered):

<http://www.houstonisd.org/Page/119794>



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ENGAGE(Opening Activity- Access Prior Learning/ Stimulate Interest / Generate Questions):

(DAY 1) Pass out the Career Pathway Planning Tool and provide students with the following prompt from the first question, “After high school, I want to...?”. Give students a chance to formulate ideas and write down their answers. Allow them to share, making a list on the board of general ideas on the board.

Once a list of several responses has been developed, ask students, “What courses would you take in high school in order to be a...”. Going through the list on the board, solicit responses. Explain that today they will learn exactly what is needed to prepare for various careers in high school through independent research. (10-15 mins)

EXPLORE(Probing or Clarifying Questions):

Provide students with a list of internet resources relevant to their district. The Sam Houston High School website is an excellent tool that can give them an idea of courses they would want to take if available at their local schools. They can research their district’s site to find out if the courses exist, or call/visit the school. Encourage students to explore specialized magnet programs in their district that may interest them. If needed, guide students to a specific site. (20-30 mins)

EXPLAIN (Concepts Explained):

After completing their research, students will complete the Career Pathway Planning Tool. They may need to do some outside research in order to fully complete the tool, such as call or visit the high school they plan to attend. Encourage students to look at the application process for magnet programs and examine areas they need to improve on (such as attendance, grades, discipline) in order to improve their applications. Have students think critically about what specific courses they want to take in high school in order to prepare them for their desired careers (25-35 mins)

ELABORATE (Applications and Extensions):

(DAY 2) Students can present their planning tool to the class, explaining their career goals and how they will begin preparing in high school.

The teacher might also want to consider inviting a guidance counselor from an area high school to visit the class and answer student questions. (55-80 mins)

EVALUATE:

Students will be evaluated on the completion of their planning tool. The teacher will continually check for understanding throughout the lesson by the asking of probing questions and encouraging students to think critically about their research and responses.

Name: _____ Date: _____ Class/Period: _____

Career Pathways: High School Planning tool

After high school, I want to:

In order to achieve my goals, I need to do the following *now* in middle school:

High School I will attend (neighborhood school):

Possible career oriented magnet programs available in my district (research your school district):

Classes/electives I need to take that will help me with my career goals (you can find this information through your district's website or visiting/calling the local high school):

Class Name	Year I Will Take (Freshman, Sophomore, etc)

If you plan to apply for a special magnet program, are there any requirements that you need to work on in middle school in order to improve your application? If so, what are they?

When is the deadline to apply for career oriented magnet programs that interest you?

EXAMPLE OF COMPLETED CAREER PATHWAY TOOL

Name: _____ Date: _____ Class/Period: _____

Career Pathways: High School Planning tool

After high school, I want to:

Work in the automobile manufacturing field building and manufacturing cars

In order to achieve my goals, I need to do the following *now* in middle school:

Find programs in high school that are specific to my goal and determine what courses I should take in high school. I want to improve my overall grades in order to get into special programs/classes.

High School I will attend (neighborhood school):

Southside High School

Possible career oriented magnet programs available in my district (research your school district): Lanier High School offers an Engineering Institute that would allow me to focus broadly on Engineering, providing me with the wide variety of skills needed in automotive manufacturing such as robotics and design. I can take an elective in automotive technology in order to learn about car systems. Though I am not in SAISD, the engineering institute at Lanier is open to anyone in Bexar County.

Classes/electives I need to take that will help me with my career goals (you can find this information through your district's website or visiting/calling the local high school):

Class Name	Year I Will Take (Freshman, Sophomore, etc)
Concepts of Engineering & Technology	9th
Biotechnology	10 th
Elective: Automotive Technology	10 th
Engineering Design & Presentation	11 th
Robotics & Automation (2 credits)	11 th
Advanced Engineering Design & Presentation DC (3 credits)	12 th

If you plan to apply for a special magnet program, are there any requirements that you need to work on in middle school in order to improve your application? If so, what are they?

Because I do not reside in the SAISD district, I want my application to stand out so that I can be admitted to the program. I will work on my grades, attendance, and discipline.

When is the deadline to apply for career oriented magnet programs that interest you?

January 31st of my 8th grade year