

PERSONAL PATH

Oxnard College (OC)
STEM Circuit



Directions:

For each timeframe listed below, list out your plan for academic/career success in the following order:

row 1 (picture my path): list your overall goals for that specific timeframe

row 2 (paint my path) : list the programs you can apply for at OC to enhance your academic, professional, & personal growth

row 3 (protect my path): list the services Oxnard College offers that you will engage in to help you succeed

example:

- 1. picture my path College: OC & UCLA / Degree: Chemistry / Career: Organic Chemist (and head chemist) at Naval Base Ventura County
- 2. paint my path Dual Enrollment, Viewfinder, Aperture, Reflectors, Get A's!!
- 3. protect my path tutoring, academic counseling, meet with financial aid, join clubs

1. _____

2. _____

3. _____

MIDDLE SCHOOL

1. _____

2. _____

3. _____

HIGH SCHOOL

1. _____

2. _____

3. _____

COLLEGE/UNIVERSITY

1. _____

2. _____

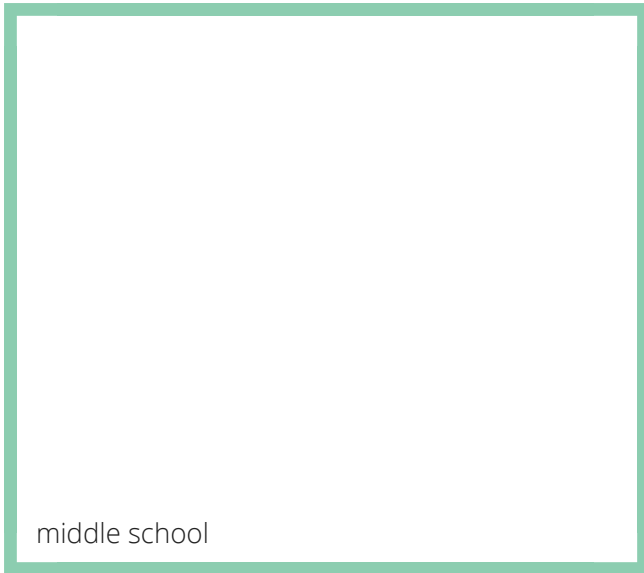
3. _____

CAREER

Frame my Future

Directions:

In the space below, create a visual representation of what your future will look like during each of the periods listed.



middle school



high school



college/university



career

OC STEM CIRCUIT EDUCATOR LESSON PLAN

Vision: Tomorrow's innovative STEM professionals will point to the Oxnard Plains as their childhood home and the birthplace of their professional passion.

Mission: Finish! Project Acabado STEM begins with the end in mind. Educators, learners, families, communities and systems thinkers aim to cultivate the conditions for future STEM professionals to get their start.

Purpose of this project: Using the OC STEM Circuit, you will help to spark curiosity, which leads to identity and engagement

The purpose of this lesson plan is to help you in sparking the curiosity of your learners towards a path to academic and professional success

Lesson 1

(allocate 27 minutes for this lesson)

5 minutes:

Introduce activity. Discuss how mapping our future helps us to develop goals to be able to better secure our desired objective. If we can visualize it, we know what we need to do to turn it into reality. Explain to students that Oxnard College's Science, Technology, Engineering & Mathematics program has reached out to your school district in an effort to promote pathways to a successful academic and professional career. Over the course of three different sessions, students will explore their future and map it into reality. They will use the worksheet you provide them for all three sessions, so they need to store it in a safe place.

10 minutes:

Using whatever writing utensils are available, have students map out their future in each of the four squares on the 'frame my future' worksheet. Encourage them to be creative and that there is no wrong way to do this activity. Some students might want to make lists, others illustrations, etc.

OC STEM CIRCUIT EDUCATOR LESSON PLAN *(continued)*

Lesson 1

(allocate 27 minutes for this lesson)

2 minutes:

Pair share. Have students get into groups of 2-3 students, and encourage them to share their futures with their peers.

5 minutes:

Share out. Encourage one student from each group to share out to the class what their future looks like.

5 minutes:

Instruct each student to answer #1 (picture my path) on each of the timeframes. Make sure that that for each section, they are only thinking about their specific future for that timeframe only.

1 minute:

Wrap-up. Encourage students to go home and share their plans for their future with those at home. Let students know that they will be working with this worksheet again during the next two sessions.

OC STEM CIRCUIT EDUCATOR LESSON PLAN *(continued)*

Lesson 2

(allocate 52 minutes for this lesson)

15 minutes:

Introduce OC STEM Circuit 11X17 poster to students. Explain how this poster was designed to help students devise a plan to help them achieve their desired objectives.

Rather than have you explain the poster to students, it is encouraged to divide students into 5 groups. Let students know their groups will become experts in the section they are assigned. They will share out to their classmates the important main points of each section.

Group 1: focuses on the points listed for 8th grade- 12th grade (side 1)

Group 2: focuses on points listed for Oxnard College (and lists the potential options after Oxnard College- i.e., California State University, University of California, Private University, & Career Pathway) (side 1)

Group 3: focuses on key in green. They are tasked with explaining to the class what each term means. It might be helpful to make this group slightly larger than the others. (side 2)

Group 4: focuses on activities discussed from 8th grade-10th grade (side 2) *you will note that there is prompt for students in the 9th grade section. Have that group answer the question of what colleges they are interested in visiting.

Group 5: focuses on activities discussed from 11th grade- Oxnard College (side 2) *you will note that there is prompt for students in the 9th grade section. Have that group answer the question of what colleges they plan on visiting.

15 minutes:

Each group will have 3 minutes to share the main points of their assigned task. It is most beneficial to have students present in the following order: group 3, group 1, group 4, group 2, group 5

OC STEM CIRCUIT EDUCATOR LESSON PLAN *(continued)*

Lesson 2

(allocate 52 minutes for this lesson)

5 minutes:

Debrief. Have students provide some feedback on their experience, what they learned. Perhaps assign each group another group to pay special attention to, and at the end of all of the presentations, one group reports on what they learned from another group (e.g., group 3 is responsible for summarizing their highlights of what group 2 shared).

5 minutes:

Using the OC STEM Circuit worksheet, students will now fill in the blank for #2 (paint my path) on each of the timeframes.

1 minute:

Students will share with one other student what they noted for #2.

1 minute:

Wrap-up. Remind students that OC has many resources to help students be successful, and that they can already start tapping into many of the resource at Oxnard College now (especially high-light dual enrollment). Dual enrollment means that they can be high school students and college students at the same time and have a greater likelihood of saving money and graduating sooner!

OC STEM CIRCUIT EDUCATOR LESSON PLAN *(continued)*

Lesson 3

(allocate 35 minutes for this lesson)

5 minutes:

Review the OC STEM Circuit poster. Encourage students to share to the class a few things that stood out to them regarding lesson 2.

15 minutes:

Introduce the concept of student services to students. Colleges and universities offer services for students to be successful.

Review the following student services offered at Oxnard College with your students. You can divide the students into small groups and assign them a service to present if you'd like.

Admissions and Records

Educational Assistance Center (EAC)

Extended Opportunities, Programs & Services (EOPS)

Financial Aid

Tutoring

Transfer Center

Veterans Services

**click on links to view web page for each service*

OC STEM CIRCUIT EDUCATOR LESSON PLAN *(continued)*

Lesson 3

(allocate 35 minutes for this lesson)

5 minutes:

Have students share with one another the information regarding services for students. If you did not have them work in groups, it is encouraged to devise a lesson that will check for their understanding.

5 minutes:

Using the OC STEM Circuit worksheet, students will now fill in the blank for #3 (protect my path) on each of the timeframes.

1 minute:

Students will share with one other student what they noted for #3.

4 minutes:

Wrap-up. Remind students that OC has many services to help students be successful. Additionally, let students know that these services are common to colleges throughout the nation, and that students should take the initiative to find out about as many resources as they can.

Reiterate the point that students can already start accessing programs and services Oxnard College offers. Encourage students to visit our college's website oxnardcollege.edu to find out more. If they would like to find out more about STEM opportunities, or the opportunities listed on the OC STEM Circuit, they can visit our website at ocstemcenter.org.

Please encourage your students to also follow us on our social media platforms, as those are the first places we post new opportunities available to learners within our community.

If you would like to share any photos with us, we encourage you to tag us in your photos!