

Academy for Careers in Engineering & Science

Exploration Credit Reflection Assignment Protocol

Academy students are required to earn 14 Exploration Credits total during their 9th grade and 10th grade school years. Explorations focus on developing self-reliance, responsibility, a greater understanding of the importance of science and technology in our world, and career opportunities. Students are expected to complete their Explorations by the end of their sophomore year, and they must be completed before students are eligible for an internship. A letter jacket patch is awarded by the Academy when Explorations are completed.

***Exploration Credit Hours must be submitted to the ACES office via CANVAS with two weeks of the date of the event to receive credit.**

The following sites have been pre-approved for Exploration credit.

Students will earn credit for the following Explorations provided all criteria are met.

Pre-Approved:

College Visit (maximum of 2 credits)

Houston Zoo

State & National Parks

Health Museum

Distinguished Lecture Series

Museum of Natural Science

EfTA Distinguished Speaker Series - will require a reflection to receive credit

Moody Gardens

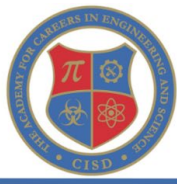
or Option approved through approval process – students must submit the pre-approval prior to the experience

NASA Johnson Space Center

*University of Houston Architecture Center
Walking Tours*

Students must do the following:

1. Attend the exploration and obtain an artifact such as a ticket, picture, booklet, brochure, etc.
2. Record notes and reflections.
3. Submit a typed Reflection summary (2 - 4 double-spaced pages) **OR** a **video** of the experience that includes your reflections of what you learned, and if possible, how the experience connects to what you are learning or have learned in class. (See Reflection Summary Guidelines below.)
4. Include the Exploration Credit Log
5. Include the approved/signed Student Independent Exploration Proposal if applicable.



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Reflection Summary Guidelines are as follows:

Students must include –

- Your name
- Where you went
- When you went there (DATE)
- Why you chose that exploration
 - Did you like it?
 - Was it useful?
- What you learned
 - How could this affect your future?
 - How could this impact a certain field of study?
 - Does this connect to anything you have learned in class?
- One artifact from the activity
 - A picture
 - A ticket
 - A program or brochure
- Additional expectations for video submissions
 - Videos should be between 1 minute and 30 seconds to 2 minutes and 30 seconds long.
 - Videos should be uploaded to the ACES Canvas Course assignment within two weeks of the activity. Exception for summer. Submitted within 3 weeks of the beginning of the school year. Credit will not be awarded for late submissions.
 - Videos should be similar to a presentation. They should be clear to see and hear, and they should include all of the pertinent information in a concise format.
- Students may choose to include pictures, recording from the location, or submit an audio voice over of a slideshow picture presentation of the activity.

4. Submit the report/video in the ACES Canvas Course assignment **AND** submit the artifact along with the approved (with headmaster signature) Student Independent Exploration Proposal if applicable.

DO NOT EMAIL REPORTS – ALL SUBMISSIONS MUST BE MADE THROUGH CANVAS.