PHOENIX PROJECT CAMPS

MOONSHOT RECAP

LAST FRIDAY, YOU HEARD FROM ORGANIZATIONS THAT RESPOND TO NATURAL DISASTERS.

NOW IT'S YOUR TURN TO ACT!

CHOOSE A TOPIC THAT INSPIRED YOU—SOMETHING YOU CARE ABOUT—AND EXPLORE IT DEEPLY THIS SEMESTER. YOUR IDEAS CAN LEAD TO REAL SOLUTIONS FOR REAL CHALLENGES.

WHAT IS A CAMP?

THIS SEMESTER, YOU WILL SIGN UP FOR A PHOENIX PROJECT CAMPS WHICH WILL BE DIVING INTO THE THEME OF NATURAL DISASTER PREPAREDNESS AND RELIEF. STUDENTS WILL COLLABORATE IN THESE CAMPS TO EXPLORE REAL-WORLD CHALLENGES. THROUGH HANDS-ON RESEARCH, PROTOTYPING, AND COMMUNITY ENGAGEMENT, EACH CAMP WILL WORK TOWARD CREATING IMPACTFUL PROJECTS THAT SHOWCASE STUDENT INNOVATION AND GLOBAL CITIZENSHIP.

CAMP TOPICS

🛰️ **TECHNOLOGY & INNOVATION IN DISASTER RESPONSE** 🛰️

🏥 **HEALTHCARE & EMERGENCY SERVICES** 🏥

🧱 **INFRASTRUCTURE & ENGINEERING SOLUTIONS** 🧱

🌱 **FOOD, WATER & RESOURCE DISTRIBUTION** 🌱

🌍 **EDUCATION, AWARENESS & COMMUNITY ENGAGEMENT** 🌍

🔥 **CLIMATE & ENVIRONMENTAL RESILIENCE** 🔥

🧭 **GLOBAL COORDINATION & POLICY** 🧭

🚨 **COMMUNICATION & ALERT SYSTEMS** 🚨

🧪 **ENGINEERING & STEM APPLICATION** 🧪

🧠 **SOCIAL IMPACT & EQUITY** 🧠

CAMPS

🛰️ Technology & Innovation in 🛰️ Disaster Response

1. How can we improve the uses of drones during natural disaster events?
2. How can we use satellite imagery to locate missing people during floods?
3. How do we use Natrual Disaster Response techniques to design a realistic Zombie Video game?
4. How can IT systems and applications help families find family members and stay safe during a natural disaster?
5. How can AI be used to predict, detect and prevent natural disasters and aid in evacuation planning

📏 Engineering & STEM Application 📏

1. How can STEM be used to engineer better defense systems against disasters?
2. How can students use engineering to create cost-effective disaster solutions?
3. How can solar trailers be optimized for disaster recovery?
4. How can communities use green energy to support recovery efforts?

🏥 Healthcare & Emergency Services 🏥

1. How can hospitals prepare for mass casualty events during disasters?
2. How can mobile clinics provide healthcare in rural areas post-disaster?
3. How can mental health support be improved for disaster survivors?
4. How can blood donation systems be optimized for emergencies?
5. How can pediatric hospitals respond to sudden surges in patients?
6. How can healthcare systems better support disabled individuals during evacuations?
7. How can local entities (business, individuals) prepare for and support the community in a disaster?
8. How can medications be provided for displaced persons after a disaster?
9. What are ways to streamline/improve mass casualty/disaster resonpses within a hospital?
10. How can we model Cholera outbreaks after disaster events through DNA screening for bacteria in water?

CAMP DRIVING QUESTIONS

🔥 Climate & Environmental Resilience 🔥

1. How can communities prevent wildfires using low-cost technology?
2. How can we mitigate the effects of climate-related disasters like heatwaves?
3. How can we reduce flooding levels in high-rainfall areas?
4. How can we prepare for droughts using budget-friendly solutions?
5. When disaster stikes, how can we support the well being of ecosystems (endangered species, keystone species, vital resources/agriculture) and its impact on society?

🧭 Global Coordination & Policy 🧭

1. How can governments aid other countries during disasters?
2. How can international organizations coordinate disaster response?
3. How can we learn from other countries' disaster management strategies?
4. How can we reduce the long-term impact of hurricanes on housing?

🚨 Communication & Alert Systems 🚨

1. How can communities improve disaster alert systems in rural areas?
2. How do response groups coordinate plans and maintain/sustain effective communication in a natural disaster?

🧠 Social Impact & Equity 🧠

1. How can marginalized communities receive better support during disasters?
2. How can low-income communities improve their disaster preparedness using affordable and accessible technology funded by the government?
3. How can rural communities in Georgia receive high-quality health care through telemedicine or mobile clinics following a natural disaster?
4. How can healthcare systems and community organizations better support mental health recovery after natural disasters, particularly in under-resourced areas?
5. How can we design effective disaster preparedness and response solutions for animal shelters like Furkids Atlanta, ensuring the safety of animals and staff during emergencies?
6. How can we reunite animals lost during disasters with their owners?
7. What transportation options can be developed for members of a community that do not have access to reliable methods of evacuation either before or after disasters
8. What community-sponsored initiatives can we create that improve the material conditions of vulnerable communities facing natural disasters?
9. How can we end bias in disaster mitigation and recovery policies? / How can we remove gender bias that leads to unequal preparedness?

CAMP DRIVING QUESTIONS

🌍 Education, Awareness & 🌍 Community Engagement

1. How can schools educate students about disaster preparedness?
2. How can communities be trained to use local resources during emergencies?
3. How can we create engaging websites to educate about disaster response?
4. How can volunteers be better supported and recruited for disaster relief?
5. How can communities better prepare emotionally for sudden disasters?

🌱 Food, Water & Resource Distribution 🌱

1. How can communities ensure access to clean water during disasters?
2. How can food be distributed to isolated communities during emergencies?
3. How can baby formula and essential supplies be sourced during crises?
4. How can community gardens support food security during disasters?
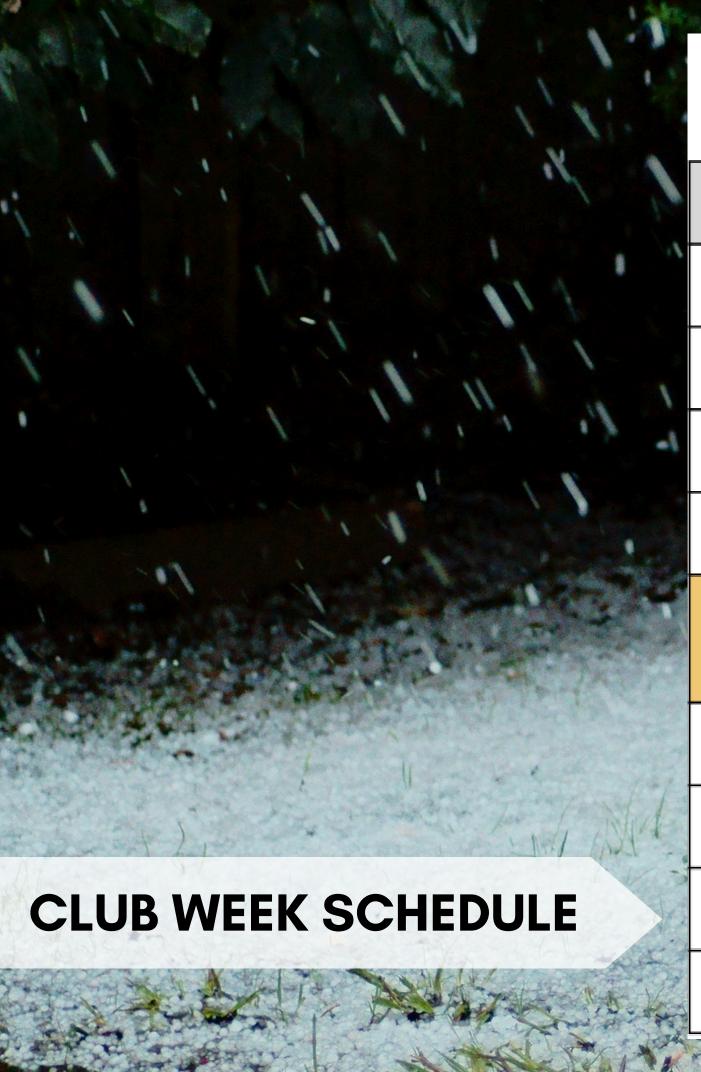5. How can nonprofits deliver sanitary food considering dietary restrictions?

🧱 Infrastructure & Engineering Solutions 🧱

1. How can buildings be designed to withstand earthquakes affordably?
2. How can communities reinforce homes against hurricanes and floods?
3. How can schools be better shelters during tornadoes and earthquakes?
4. How can cities rebuild after hurricanes while limiting spending?
5. How can communities prepare water sources to survive hurricanes?
6. What natural processes can be implimented to mitigate dangers from natural disaters?

CAMP DATES

DURING FLEX TIME ON THE FOLLOWING MONDAYS, YOU WILL MEET WITH YOUR CAMP:

9/8

9/22

10/6

10/27

11/3

WE WILL MEET FOR DAILY CAMP TIME 11/17 - 11/21

CLUB DAYS!

- **CLUBS START TOMORROW!**
- **CLUB CHOICES AND LOCATIONS WERE EMAILED TO YOU, HOWEVER PLEASE CHECK THE EVENT WEBSITE IN THE MORNING TO ENSURE LOCATIONS**
- **ATTENDANCE IN ALL CLUBS AND STUDY HALLS WILL BE TAKEN**
- **CLUB SPONSORS MAY REMOVE YOU FROM CLUBS AND DEFAULT YOU TO STUDY HALL**
- **STUDENT CLUB CHANGE REQUESTS CAN ONLY OCCUR IN JANUARY IF THERE IS SPACE ALLOWED.**

Club Week Schedule

Period	Start	End
1st	8:55am	9:40am
2nd	9:44am	10:30am
3rd	10:34am	11:19am
4th	11:23am	12:09pm
Phoenix Time/ Club Time	12:13pm	12:58pm
5th	1:02pm	1:48pm
6th	1:52pm	2:37pm
7th	2:41pm	3:26pm
8th	3:30pm	4:15pm

CLUB WEEK SCHEDULE

FLEX FRIDAYS

Fall 2025 Flex Friday Schedule

AUG

8.8
Regular School Day
All Students

8.15
Phoenix Project Moonshot
All Students

8.22
IA PD Day
No Students

8.29
9th Grade IT Flex Friday
9th Grade Students

SEPT

9.5
Regular School Day
All Students

9.12
ENG Flex Friday
ENG Pathway Students

9.19
HS Flex Friday
HS Pathway Students

9.26
IA PD DAY
No Students

OCT

10.3
Innovate IT Conference
IT Pathway Students

10.10
HS Flex Fiday
HS Pathway Students

10.24
ENG Flex Fiday
ENG Pathway Students

10.31
IT & 9th Grade ENG Flex Friday
IT Pathway and 9th Grade Students

NOV

11.7
HS Flex Friday
HS Pathway Students

11.14
CULTIVATE
All Students

11.21
Phoenix Project Celebration
All Students
half day

11.28
Thanksgiving Break
No Students

DEC

12.5
ENG Flex Friday
ENG Pathway Students

12.12
IT and 9th Grade HS Flex Friday
IT Pathway and 9th Grade Students

12.19
Regular School Day
All Students

WINTER BREAK!!

FLEX FRIDAYS PROTOCOL:

- All students that are on campus MUST sign-up in the event website
- Any staff that are hosting students, need to put in their sessions
- Test make-up sessions are on Friday
- Please utilize tutoring hours with your teachers on Fridays

FLEX FRIDAYS

MAGNET REQUIREMENTS

- IN ORDER TO STAY AT INNOVATION ACADEMY STUDENTS MUST MEET THE MAGNET REQUIREMENTS EACH SEMESTER

- IF A STUDENT DOES NOT MEET THE MAGNET REQUIREMENTS THE STUDENT CAN BE PLACED ON PROBATION AND/OR REMOVED FROM INNOVATION ACADEMY

MAGNET SIGN OFF

- EACH YEAR EVERY STUDENT AND ONE PARENT/GUARDIAN MUST SIGN OFF ON THE MAGNET REQUIREMENTS

- CHECK YOUR EMAIL NOW TO SEE IF YOU STILL NEED TO SIGN OFF

IA Magnet Requirements

All students must meet the expectations of the magnet program to maintain enrollment at FCS Innovation Academy or be granted reenrollment.

GT Block Class	• All students will take and complete the GT Block class during their 9th grade year • This class provides embedded credit for Introduction Software Technology, Introduction to Healthcare Science, and Foundations of Engineering.
Career Pathway Completion	• Successfully complete one pathway course sequence for a specific pathway progression offered on-site in Health Science, Information Technology, or Engineering.
End-of-Pathway Exam	• Students are required to sit for the EOPA offered for their specific pathway
Pinnacle Project	• Students must successfully complete a Pinnacle Project • Students will be scheduled for a research class their junior year to facilitate completion of their Pinnacle Project

Flex Friday: Pathway Enrichment Credits	- Students must complete 12 enrichment credits each year for a total of 48 credits ove four years. - By attending their three required Flex Fridays per semester, students will receive the 12 credits each year
Enrollment	- It is essential that student remain enrolled in FCS IA. - Students with a break of enrollment for any reason will not be eligible for return and will be required to reapply for admittance.
Attendance	- The student must maintain an attendance rate of 90% or higher - The student must not have more than ten late arrivals or early checkouts per year (Medical reasons may be approved by administration) - Any extended absence should be pre-approved by the principal or the principal's designee to avoid being placed on probation.

Technology Compliance	• Any unethical or suspected unethical use of technology resources that would negatively impact the school environment may result in the student's removal from or non-admittance to IA and placement back in their home school, at the discretion of the District Superintendent or designee
Academic	• Maintain passing grades in all core content areas
Discipline	• All students must comply with the district code of conduct • Students that accrue repeated behavior referrals of Tier I or Tier II offenses will be subject to an enrollment review including possible probation or withdraw. • Any student who receives a long-term suspension or expulsion will lose their privilege to attend.

To view our full requirements, visit our website: [Click Here](#)

SIGN UP FOR CAMPS

YOU WILL SIGN UP FOR CAMPS NOW THE EVENT WEBSITE. THE CAMPS WILL BE LIST AS THE DRIVING QUESTION.

EVENT.FCSIA.COM

PHOENIX PROJECT CAMPS

REGISTER