



**Texas Gulf Coast Regional Science Olympiad
Saturday March 26th 2011**

Lone Star College - CyFair

Hosted by the Division of Science and Public Service (Division II)

Welcome!

Welcome to the 2011 Texas Gulf Coast Regional Science Olympiad at Lone Star College - CyFair! It's an honor to be given this opportunity to host the Science Olympiad again. Please take the time, while you are here, to tour our campus. We hope that your experience will prove inspiring, exciting, and gratifying.

Master Schedule

Please refer to page 5 and 6 for the schedule of individual events.

6:30 am – 7:45 am Middle School and High school Check-in/registration (CC Foyer/Lobby- Black Hole)

7:00 am – 7:50 am Impound (refer to schedule for locations)

8:00 am – 1:40 pm Event competitions

2:30 pm – 3:30 pm Division B Awards Ceremony (Theater – ART 111)

4:00 pm – 5:00 pm Division C Awards Ceremony (Theater – ART 111)

Lone Star College - CyFair Planning Committee

Directors

Padmaja B. Vedartham, Professor of Biology
Ann Van Heerden, Professor of Chemistry

Tournament Staff

Registration &

Information Center

Ann VanHeerden, Maria Florez, Lou Cruz, Padmaja B. Vedartham

Website developer
and maintenance

Padmaja B. Vedartham

Events Coordinator

Celia Barnes, Melinda Mayes

Appeals

Bill Osborn, Maria Florez

Scoring

Chinyoung Bergbauer, Mayada Shahrokhi, Susie Hsieh, Melvin Branch

Catering

Kim Zandwyk, Smruti Desai

Volunteer coordinator

Sandra Grebe

Facilities and ordering

Elizabeth Regan, Lisa Cougot, Tricia Limon

Lab preparation

Amy Aragon, Marcus Philips

Theater : light & Sound

Matt Albrecht

Event assistants

selected students from LSC - CyFair

We'd like to thank the following individuals for their support: Matthew R Albrecht, Amy Aragon, Jessica Armenta, Warner Bair (III), Celia F Barnes, Chinyoung Bergbauer , Michael S Black, Melvin Branch, Leslie Breen, Raymond Brown, Elene Brown, Houston Brown, Buck Buchanan, Lisa Cougot, Lou Cruz, Smruti Desai, Georges J Detiveaux, Yassin Elhassan, Maria Florez, Sandra Grebe, Marisol Hall, Suzie Hsieh, Kathy Hughes, Milton Kandeh, Abu Kanu, Josie Kesler, Ted Kesler, Michael Konvicka, Ted Lewis, Melinda S Mayes, Marcus Phillips, Elizabeth A Regan, Sergio Sarmiento, Mayada Shahrokhi, Gholam Toutouchi, Padmaja Vedartham, Ann VanHeerden, Clay White, Kim Zandwyk,

General Information

Competition Format

The 2011 Texas Gulf Coast Regional Science Olympiad will consist of 12 different events for division C and B respectively. Each team will compete in all events for their division. All events are weighted equally.

Scoring

Each team will receive points for each event entered. In each division (B or C), the total number of teams, “n”, will be used to determine the points a team receives in an event. Each team ranked in the event will receive the number of points equal to its rank, so first place will receive one point, second place two points, etc. Teams making an honest attempt to participate, but cannot be assigned a raw score because of time, mechanical failure, wrong dimensions, etc., will be ranked with participation points (“P”) on the score sheet which will be “n” points. Tie-breaking procedures will be employed in the event of a tie. Teams that do not show up to the event will be given “n+1” points for No-Show (NS). Teams that are Disqualified (DQ) for behavioral problems, poor sportsmanship, or as provided in the event rules will be given “n+2” points.

These scoring rules apply to each event, regardless of the number of teams that actually enter that particular event. Overall team’s scores will be determined by summing the points for each team for the total events it entered, with the lowest total being assigned first-place. The first tie-breaker procedure for sweepstakes scoring will be “head-to-head” results in common events (i.e., which team outranked the other(s) in more common events.) In the unlikely event of a three (or more) – way tie, this procedure will be reapplied to continued ties, if appropriate. The second tie-breaking procedure will be a “head-to-head” rank in a common event. The event that will be used to apply this tie-breaker will be the first common event on the following list, in this order: 1) Anatomy, 2) Ecology and 3) Fossils.

Behavior/Conduct

The purpose of the Science Olympiad is to encourage student interest in science, to develop teamwork and cooperation and, above all, to have fun, with winning as a bonus. Unfortunately, in the spirit of being competitive, people’s good nature (students, coaches, parents, and observers) is sometimes unreliable. For this reason, signed “policy letters” must be submitted by each participating team prior to competing. In addition, everyone should be aware that any of the following behaviors would result in disqualification of a team:

- rude or abusive behavior to any staff member, judge, or volunteer,
- disruption of any event or the awards ceremony,
- cheating or instructing team members to cheat.

Team Substitutes

Additional participants (2 per school team) are ONLY allowed to substitute for an ill team member. The substitute cannot participate on another team for their school. The ill team member must relinquish their wristband at the registration desk. A replacement wristband will be provided to the substitution team member. The ill team member will not be allowed to return to the competition.

Appeals Procedures

Contestants who believe that other participants are breaking the rules (using forbidden books, materials, cell phone/pager/PDA, etc.) should report this IMMEDIATELY to the event coordinator, who will render an immediate decision regarding the legality of the activity. No other appeal

related to this situation should be necessary. All other appeals must be filed at the registration desk within one hour after the specific event ends. After this time has elapsed, all results are final and no appeals will be considered. Results of all appeals will be available at the registration desk and are final. Appeal forms are available in HSc 242.

Clarifications

All clarifications are based on the State and National clarifications for 2011.

Protocol

- Parent, coaches, and observers are NOT ALLOWED in the competition areas.
- Cell phones, pager, PDA's, laptop computers, two-way radios, and any other communication devices are NOT ALLOWED in the competition areas. Contestants violating these rules will be disqualified.
- Contestants may arrive late for an event; however, they WILL NOT be granted any extra time past the scheduled end of the regular event.
- If a competitor must leave a competition area FOR ANY REASON, they must turn in all work and may NOT return to that event.

Room Schedule for B events, Regional Science Olympiad, 2011

Time → Name of event ↓	6.30-7.50am	8.00-9.00am	9.10-10.10am	10.20-11.20am	11.30-12.30pm		2.30-3.30pm	
1. Anatomy		HSc 207					A W A R D S C E R E M O N Y ART 100-111 Main Stage & Lobby	
2. Bottle rockets	7.30 am Sign- in Helipad(ESEC) , No impound necessary							
3. Can't judge a powder				Chem lab HSc 239				
4. Dynamic planet			HSc 206					
5. Ecology			HSc 215					
6. Experimental design		Chem Lab HSc 238						
7. Fossils			Geology lab					
8. Microbe mission				HSc 108				
9. Ornithology					HSc 207			
10. Road scholar		Tech 101						
11. Shock Value			HSc 127					
12. Towers	7.00am Sign-in Art Recital (ART 102)no impound necessary							
13. Write it/Do it		Tech 102						

For questions and appeals: please go to HSc 242.

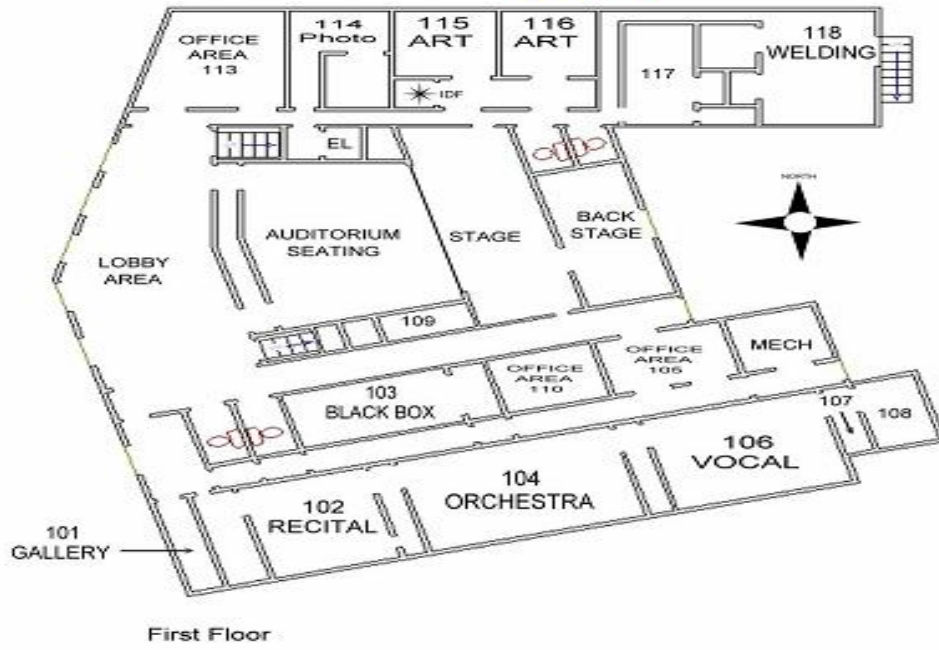
Room Schedule for C events,

Regional Science Olympiad C events, 2011

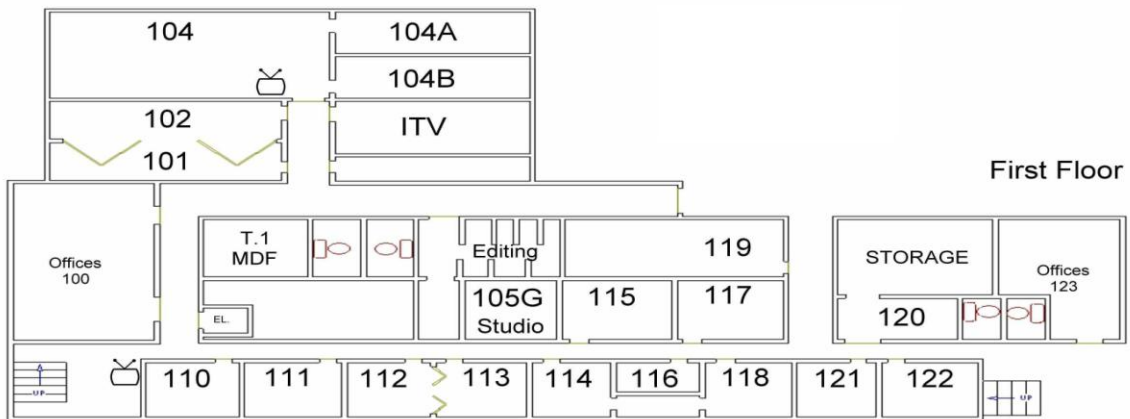
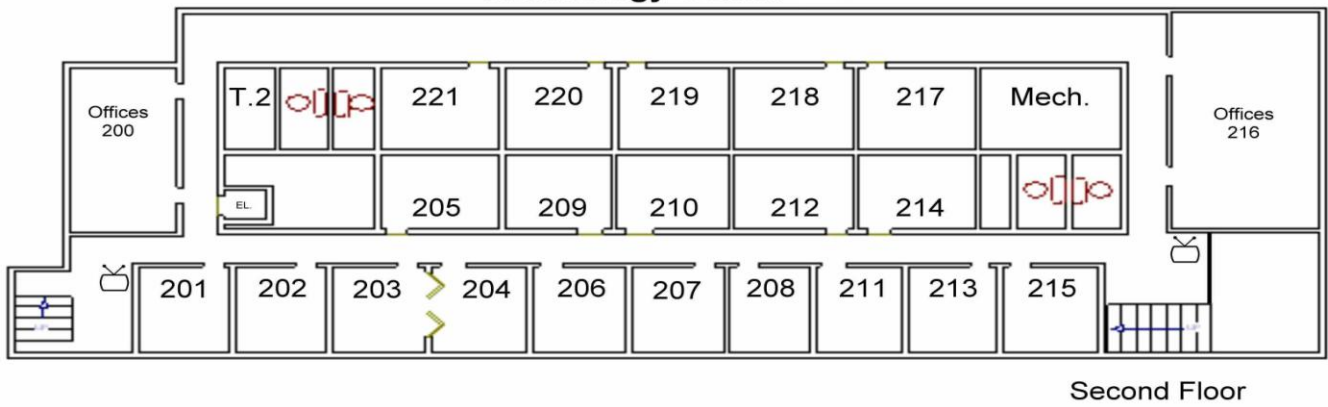
Time → Name of event ↓	6.30- 7.50am	8.00- 9.00am	9.10- 10.10am	10.20- 11.20 am	11.30- 12.30pm		4.00- 5.00pm	
1. Anatomy and physiology			HSc 107				A W A R D S C E R E M O N Y ART 100-111 Main Stage & Lobby	
2. Chemistry lab		Chem lab HSc 239						
3. Dynamic planet					HSc 206			
4. Ecology				HSc 215				
5. Forensics			HSc 241					
6. Experimental design				Chem Lab Hsc 238				
7. Fossils				Geology Lab				
8. Microbe mission		HSc 108						
9. Ornithology			HSc 207					
10. Remote sensing					HSc 122			
11. Towers		Sign –in 7.00 am ART recital hall, no impound necessary						
12. Wind power		Impound @8.00am HSc 124	Written test: HSc 125	Evaluating the equipment HSc 124				
13. Write it/do it					Tech 102			

For questions and appeals: please go to HSc 242.

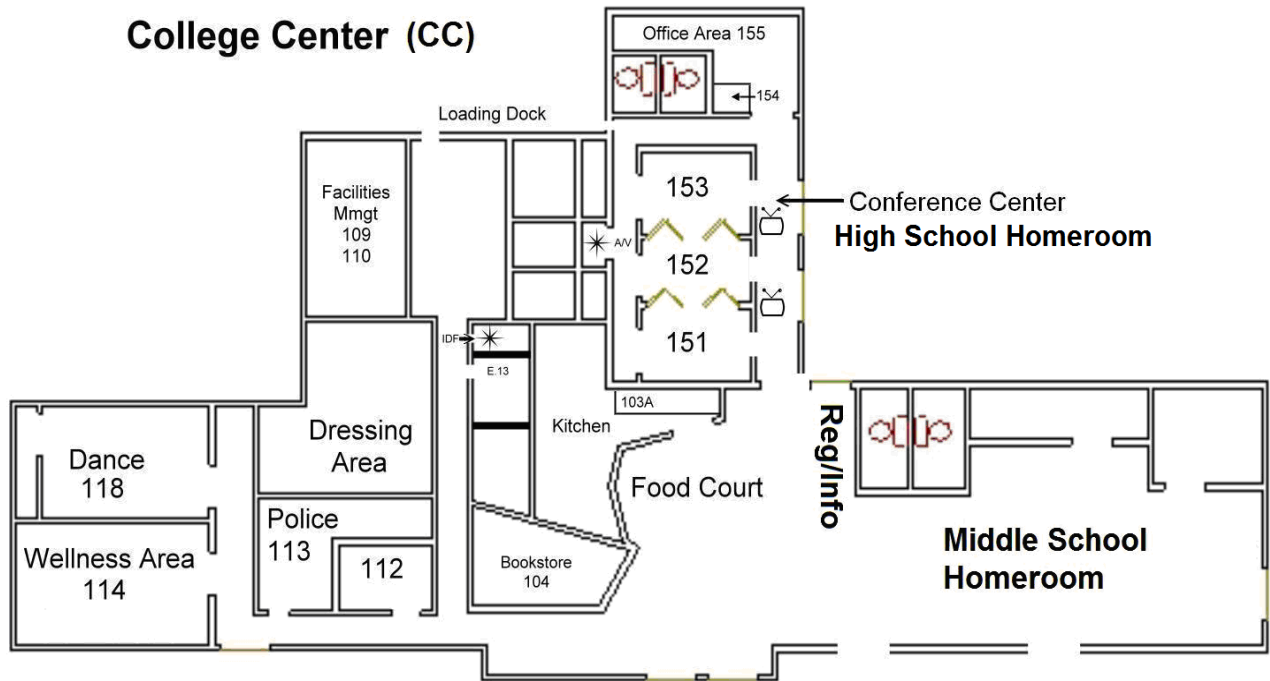
Center For The Arts (ART)



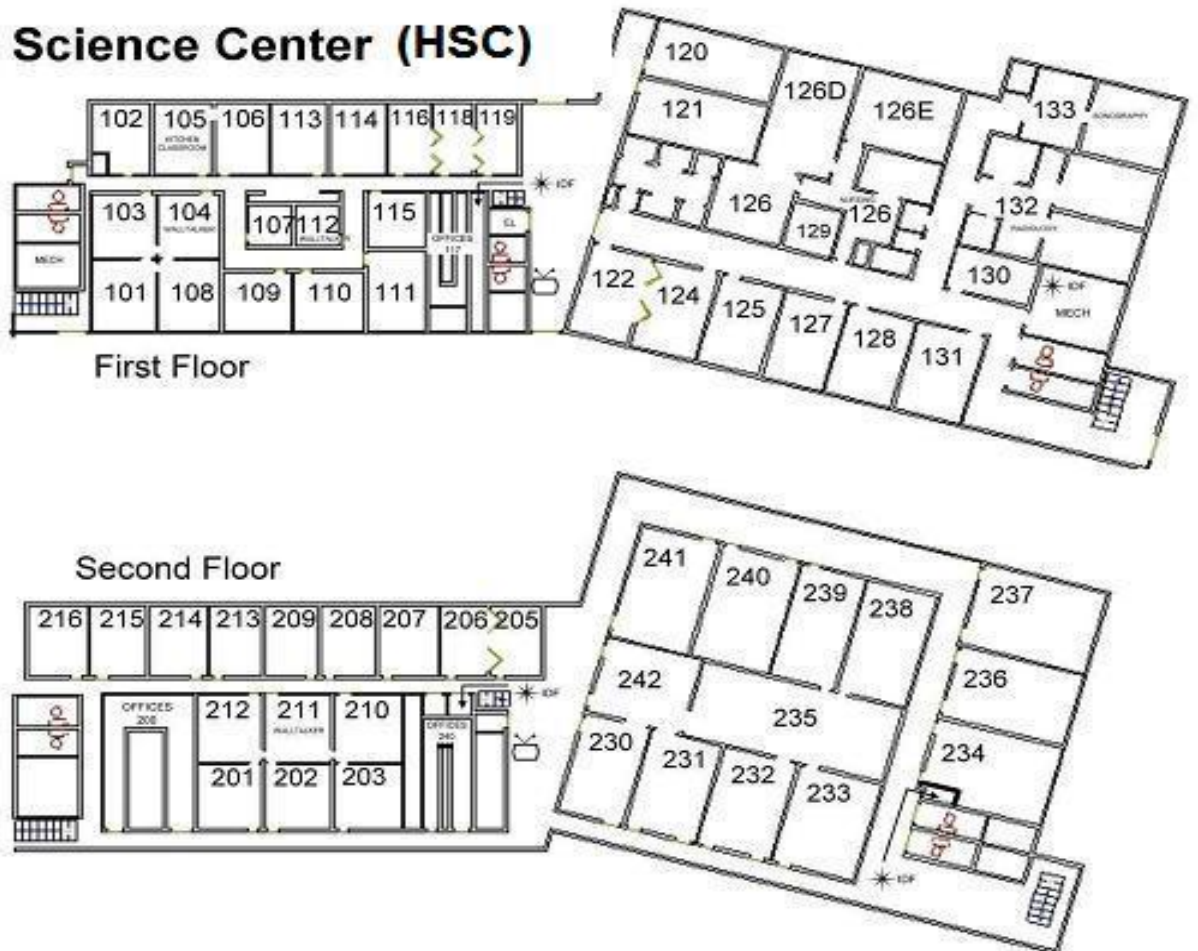
Technology Center



College Center (CC)



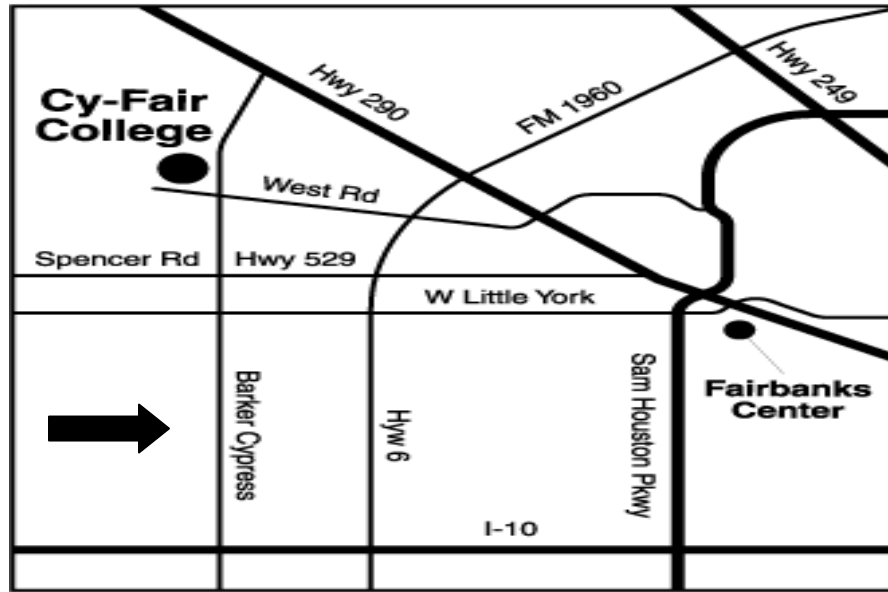
Health Science Center (HSC)



Lone Star College - CyFair Map



Directions to the college



Lone Star College - CyFair

College President
 V.P. for Student Learning
 V.P. for Student Success

Audre Levy
 Felicia Moore-Davis
 Thad Anglin

Divisions

Math, Humanities & CIT(1)
 Science and Public Service (2)
 Arts & Communication (3)
 Health & Behavioral Sciences (4)
 Business, Education & Transitional studies (5)
 Social Sciences & Applied Technology (6)
 Student Services
 Instructional & organizational development
 Fairbanks Center

Deans

Claire Phillips
 Ted A. Lewis
 Michael Kirch
 Cindy Griffith
 Anne Albarelli
 Jo Fey
 Rito Silva
 Abdul Tamimi
 Deana Sheppard

Facilities
 College Relations
 Security

Dennis Winchell
 Michelle Tran
 Robert Lovelace

**Welcome to
Lone Star College - CyFair**

A responsive, innovative, collaborative learning community where student success defines it's very structure.

This comprehensive college provides a full range of university transfer, adult literacy, workforce development and life-long learning opportunities for the community. Its unique and award-winning design enhances learning in a digital world and provides support for students to be successful at any stage of their life. Not only is the college designed for 21st century learning skills, it also includes two national model partnerships within its founding facilities.

