



Gene Machine and Helix Express Van
Mobile Science Laboratory
Visit Request Form

Group size is limited to **24** students on Gene Machine and **32** students with Helix Express Van

Teacher Information

Name:
Phone:
E-mail:
Planning period time:

School Information

School Name:
Address:
City and Zip:
School phone:

Staff will arrive 30 minutes before the first class to set up the Mobile Lab. First class begins at 9:00 am for overnight trips or single day trips within 80 miles of the GGC. First class begins at 9:30 am for single day travel of >80 miles from the GGC.

Date Request: The Mobile Outreach Vehicles may be scheduled for a **Tuesday, Wednesday or Thursday** visit

First date preference: _____ Second date preference: _____ Third date preference: _____
Class level: CP Biology Honors Biology AP/IB Biology Other (specify): _____
Class time: 50 minutes 90 minutes (block) Other (specify): _____
Will any student require special services? Wheelchair lift -Yes No
Preference for: Mobile Lab _____ Van _____

A. Requested modules (max of two different labs per visit) Please refer to 'Student Laboratory Activities' list to select the most appropriate activity for student level and available time.

- Cancer family tree (90 min) Gel electrophoresis with dyes (60 min) Name that disorder (60 min)
 Be the geneticist (computer-90 min) DNA isolation, amplification, analysis (90 min)
 XL inheritance: Rett Syndrome (90 min) Mystery of the crooked cell (60 min)
 Karyotypes and genetic disorders (90 min)
 What's my genotype? (4-5 hr -**\$8pp fee for supplies**) Mitochondrial DNA analysis (3-4 hr -**\$8pp fee for supplies**)
 Microarray lab: Determining gene expression (60 min) You are what you eat: Folic acid lab (90 min)
- Creating and detecting GMOs Basic (60 min) Advanced (90 min)
Prion diseases: Detection of Mad Cow Basic (60 min) Expanded (90 min)
Forensics activities: Bobby Dunbar mystery (60 min) Atlanta murder mystery (90 min) Inheritance of blood type

B. Please provide times and number of students per session:

TIME

CLASS TYPE (Honors, CP, AP...)

STUDENTS

Please return this form to Dr. Leta Tribble via:

E-mail: LMT@ggc.org
or dgary@ggc.org

Mail: Greenwood Genetic Center-Mobile Lab
101 Gregor Mendel Circle, Greenwood SC 29646

PHONE: 864-943-4170
FAX: 864-388-1062