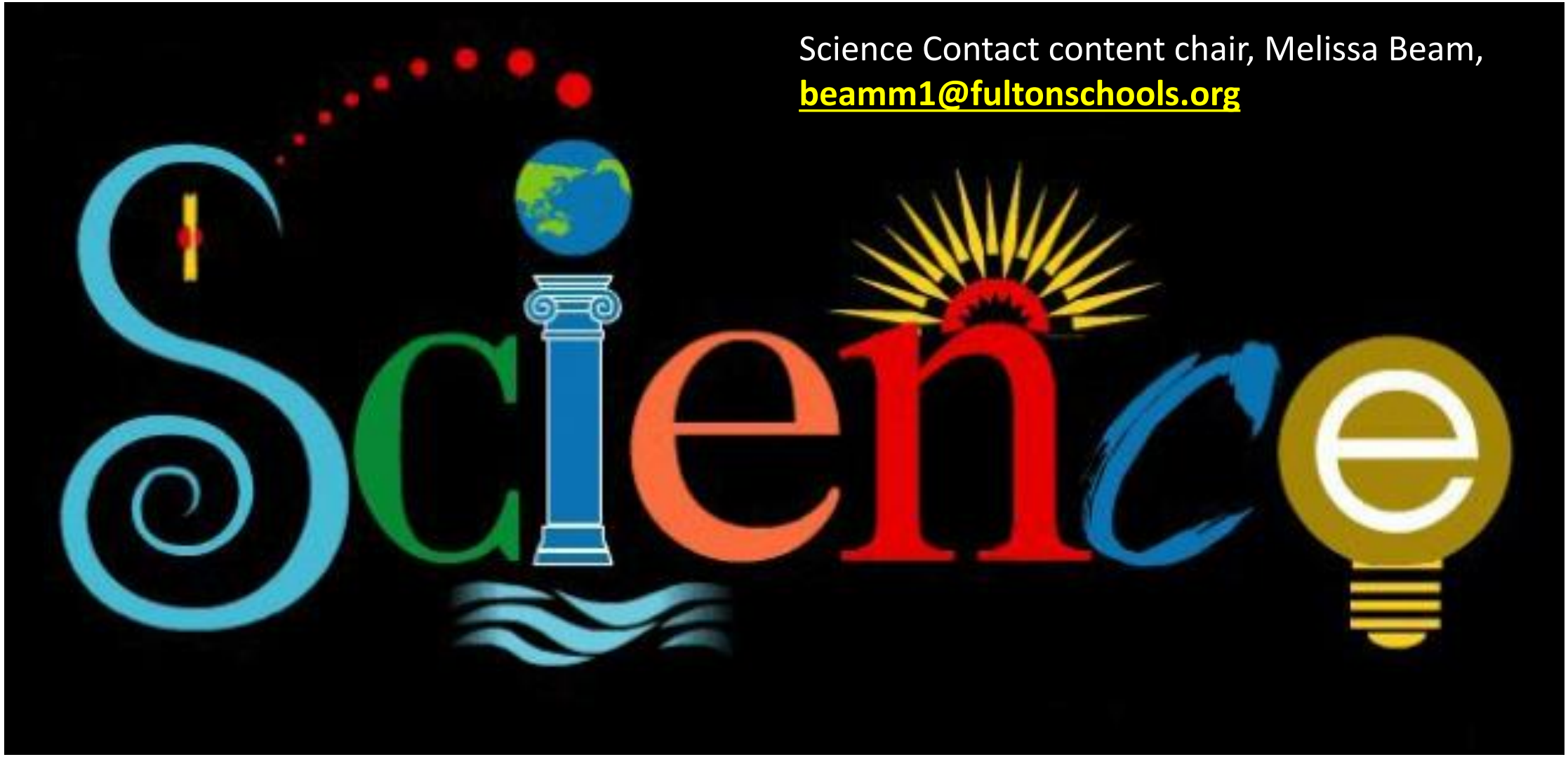
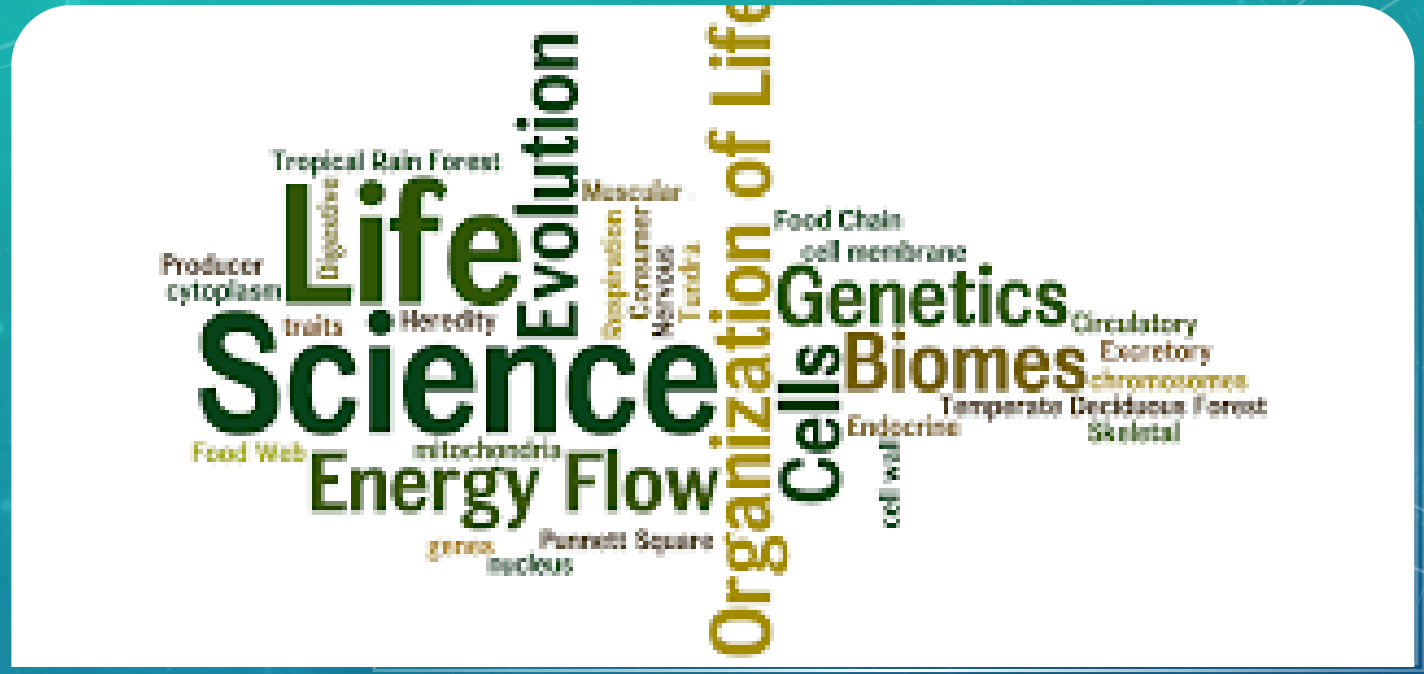


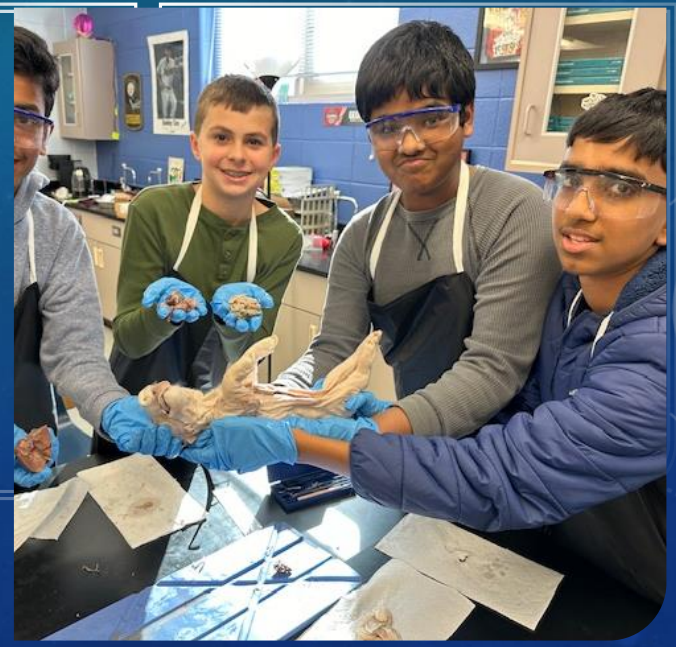
Science Contact content chair, Melissa Beam,
beamm1@fultonschools.org

7TH GRADE LIFE SCIENCE

- On-level
- TAG/ Gifted







8TH GRADE SCIENCE OPTIONS

- On-level
- Advanced Mixed Model TAG
- HS Physical Science Mixed Model TAG







8TH GRADE SCIENCE: General Comments

- On a faster pace than 6th or 7th grade because of Milestones
  - Content completed by either the week before or the week after Spring Break
- More Standards than 6th or 7th grade
- Involves application of conceptual content
- Math based

Georgia Milestones Assessment System

8TH GRADE SCIENCE: *Science Of The Physical World*

- On-level & Advanced/TAG
- These classes use the same Curriculum and take the same Milestones at the end of the year.
  - Advanced Science
    - Mixed Model: TAG and non-TAG Students who meet the recommendation criteria
      - Go deeper into concepts
      - Employ more math applications
      - Problem-based activities



8TH GRADE SCIENCE: *Science Of The Physical World*

- **Advanced Science (Mixed Model TAG) Recommendation Guidelines**
  - **Semester 1 Science Average ≥ 92%**
  - **Semester 1 Math Average ≥ 95% in Math 7 and/or recommended for a high school credited Math**
  - **Teacher Recommendation**



8TH GRADE SCIENCE



Science of the Physical World

- On-level Science – 40.0170000
  - "Sci/Phy World 8"
- Advanced Science
  - Advanced Science – 40.0170040
  - TAG Advanced Science – 40.2170000
    - "Sci/Phy World LvA"

8TH GRADE SCIENCE

- HS Physical Science
- "Physical Science H"
  - Because it is a HS course, 1 course number for each semester (H1 and H2)
- Advanced #
  - 40.0110040H1 (or H2)
- TAG #
  - 40.2110040H1 (or H2)



8TH GRADE SCIENCE



- HS Physical Science
- "Physical Science H"
  - Semester 1 Average ≥ 95% without reassessments
  - Teacher Recommendations
  - Semester 1 Average ≥95% in Math & Recommended for High School credited math
  - TAG section also includes ≥90% in all TAG/ADV classes

EXPECTATIONS FOR STUDENTS IN THE HS PHYSICAL SCIENCE COURSE



Characteristics: Self-Motivated, Independent Learners, & Willing to Accept Challenges



More Chemistry and Physics content than the Advanced 8th grade curriculum



Collaborative Group Discussions to synthesize content



Typically, HW every night

Readings- for content as well as understanding

Notes & additional work most of the time

- Notes are used daily in class

8TH GRADE SCIENCE

- **HS Physical Science**
  - If the student accepts the HS credit, this fulfills one year of HS science.
    - The student will need to take three more years of science in high school.
    - This is not a course on the HOPE Rigor Course List.



HOPE Rigor Course List

Specific Placement Questions

If you have placement questions, first contact your student's content teacher.

Science Contact content chair: Melissa Beam
beamm1@fultonschools.org

ELA Content Chair: Katie Bartlett
bartlettk@fultonschools.org

We are here to help. If you have specific placement questions, please complete this form:

bit.ly/ncpquestions

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