



SCIENCE HS CIA

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-CURRICULUM

Overall Pacing Chart

7-10: 7 units each grade, pilot curriculum 11-12 (Chem, Physics)

Overall Vision, Philosophy, Instruction, Assessment, Key Strategies

Standards pacing guides K-10

Curriculum overviews K-12 available online, will be distributed.

Include links to required significant tasks, lessons, resources, literature, reading for information, quarterly assessments, embedded lab tasks.

Curriculum may be revised as CT changes "Grade Level Expectations" in fall

ALL must follow pacing!

-CAPT TESTING

practice test/review planned for Feb grades 10

District Quarterly Assessments 7-12 (use in data teams!)

State required embedded tasks 6 in grade 9, 4 in grade 10

See attached CAPT test outlines (use in data teams!)

11/12 retesters need to be helped!

-MATERIALS

-Title I kits from Frey/NeoSci/CPO/Delta delivered Title I schools June for 6-10

-Materials recommendations (including texts) available

-OTHER

- Request for Science Rep (or 2) per building for PD and Science Fair.
- PD for coaches, reps, administrators... CIA
- CSEAC day Oct 27 for new teachers
- make sure outside programs/afterschool/visitors/mentors follow standards
- TIME for science, correct HS sequence
- Science Fair May 13, 14, 15

-INSTRUCTION EXPECTATIONS To See that Science Learning Goals are being Met

(also see instructional strategies):

- Lesson Plans,
- Objectives and Goals Matching Standards,
- Inquiry Skills,
- High Level Questioning,
- Labs/Activities at least once a week,
- Class Discussion that leads to open ended writing,
- Assessments based on skills, thinking, not just vocabulary words.
- Learning Cycle model

OTHER ISSUES

- Assessment: Common [Lab Rubrics](#), include skills, discussion, as well as written reports.
- [Teacher Info Sheet](#)
- Oct 1:ALL: overview, grade discussion, chemical safety
- Grade level: 9th eesarts, 10th genetics, 11th chem issues, 12th Physics Olympiad

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Materials, Resources, Presentations, Curriculum, Assessments, all online

<http://www.newhavenscience.org>