

H.E.A.T. OBSERVATION FORM

Use this form for performing classroom walkthroughs according to the H.E.A.T. (Higher-order thinking, Engaged learning, Authenticity, and Technology use) observation model.

OBSERVER NAME: _____ **DATE:** _____

SCHOOL NAME: _____

TEACHER OBSERVED: _____

SETTING:

The setting for this observation...

- Classroom
- Computer lab
- Library/Media Center
- Other: _____

HARDWARE USE DURING OBSERVATION:

Hardware use observed...

- Unlimited technology use
- 1 to 1 student/computer ratio
- 2 to 1 student/computer ratio
- 4 to 1 student/computer ratio
- 10 to 1 student/computer ratio
- 1 student computer in classroom
- 1 teacher workstation only
- No hardware use
- Other: _____

SOFTWARE APPLICATION USE DURING OBSERVATION:

Application use observed...

- Single Application Use
- Multiple Application Use
- No Application Use
- Other: _____

TECHNOLOGY USERS DURING OBSERVATION:

Technology users observed...

- Teacher Only
- Student(s) Only
- Student(s) and Teacher
- No Users

HIGHER-ORDER THINKING:

- Students taking notes only; no questions asked
- Student learning/questioning at knowledge level
- Student learning/questioning at comprehension level
- Student learning/questioning at application level
- Student learning/questioning at analysis level
- Student learning/questioning at synthesis/evaluation levels

ENGAGED LEARNING:

- Students report what they have learned only
- Students report what they have learned only; collaborate with others
- Students given options to solve a problem
- Students given options to solve a problem; collaborate with others
- Students help define the task, the process, and the solution
- Students help define the task, the process, and the solution; collaboration extends beyond the classroom

H.E.A.T. OBSERVATION FORM (CONTINUED)

AUTHENTICITY:

- The learning experience is missing or too vague to determine relevance
- The learning experience provides no real world application, or represents a group of connected activities
- The learning experience provides limited real world relevance, but does not apply the learning to a real world situation
- The learning experience provides extensive real world relevance, but does not apply the learning to a real world situation
- The learning experience provides real world relevance and opportunity for students to apply their learning to a real world situation
- The learning experience is directly relevant to students and involves creating a product that has a purpose beyond the classroom that directly impacts the students

TECHNOLOGY USE:

- No technology use is evident
- Technology use is unrelated to the task
- Technology use appears to be an add-on and is not needed for task completion
- Technology use is somewhat connected to task completion involving one or more applications
- Technology use is directly connected to task completion involving one or more applications
- Technology use is directly connected and needed for task completion and students determine which application(s) would best address their needs

LEARNER-CENTERED INSTRUCTION:

- Students established individual goals for their learning
- Student inquiry guides the instruction
- Student questions dictate context/content of instruction
- Students given multiple options for completing a task/project
- Student products perceived as authentic and purposeful

RESEARCH-BEST PRACTICES:

- Teacher providing homework and practice
- Teacher setting objectives and providing feedback
- Teacher reinforcing effort and providing recognition
- Students summarizing and note taking
- Students identifying similarities and differences
- Teacher providing opportunities for nonlinguistic representations
- Students generating and testing hypotheses
- Teacher implementing cooperative learning
- Teacher providing cues and promoting questions
- Teacher offering advanced organizers
- Teacher adjusting instruction based on learner readiness, interests, or modality strengths
- Teacher providing adequate wait time for student responses

ESTIMATED LOTI LEVEL: _____

ESTIMATED CIP LEVEL: _____

COMMENTS/OBSERVATIONS: _____
