The Amazing Egg Drop

Use this page to consider the ways in which this activity models effective instruction and engaged learning

Place a check in the box next to the item if you believe you observed this in the lesson.

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| **CONSTRUCTIVIST LEARNING PRACTICES**   * Encourage and accept student autonomy, initiative and   leadership.  🞏 Whenever possible, use raw data and primary sources along with manipulative, interactive and physical materials.  🞏 When framing tasks, use cognitive terminology like classify,  analyze, predict, and so on.  🞏 Allow student thinking to drive lessons. Shift instructional  strategies of alternative content based on student responses.  🞏 Ask students for their theories about the concepts before sharing  the facts or background of these concepts.  🞏 Encourage students to engage in dialogue both with the teacher  and with one another.  🞏 Seek elaboration of students’ initial responses.  🞏 Pose contradictions to students’ hypotheses (in diplomatic ways)  and then encourage alternative responses.  🞏 Encourage student inquiry by asking thoughtful, open-ended  questions and encouraging them to ask questions of others.  🞏 Allow wait time after posing questions.  🞏 Provide time for students to discover relationships and to create  metaphors about the topics of their learning experiences.  🞏 Encourage students to reflect on experiences and actions, and  then participate in deciding future activities or predicting future  outcomes. | **CHARACTERISTICS OF INTELLIGENT BEHAVIOR**  * Persistence * Decreasing impulsivity * Empathic listening * Flexibility in thinking * Meta-cognitive awareness * Checking for accuracy * Questioning * Problem posing * Drawing on past knowledge * Application to new situations * Precision of language and thought * Using all the senses * Ingenuity, originality, insightfulness and creativity * Inquisitiveness, curiosity * Enjoyment of problem solving |
| SOCIAL SKILLS AND COMMUNICATION  * Form groups quietly * Sit eyeball to eyeball * Make eye contact * Use each other’s names * Share materials * Follow role assignments * Check for understanding * Offer your help * Ask your group first for help if you don’t understand * Encourage each other * Energize the group * Disagree with the idea—not the person * Use 6” voices * Take turns * Make sure everyone speaks * Wait until speaker is finished before you speak * Respect the opinion of others * Think for yourself * Explore different points of view * Negotiate and or compromise * Reach consensus | **MULTIPLE WAYS OF KNOWING (INTELLIGENCE)**   * Verbal * Visual/Spatial * Logical Mathematical * Musical * Intrapersonal * Interpersonal * Body/Kinesthetic * Naturalistic * Existential |

**\*Be prepared to share your selections with your group.**

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