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| **Learning Activity** | **Cognitive Thinking Skills Core Standard** | **Scholarly Habits** |
| **The Chocolate Caper -**As a detective students will solve a crime for Mr. Van Feisty, the renowned chocolatier robbed of his secret recipe. Students will use logic techniques such as; assumptions, analogies, syllogisms, deductive reasoning, and logic grids. | **Critical Thinking Skills:** Cause/effect, fact/opinion, justify reasoning strategies.  Research/Inquiry: Organize data, substantiate facts, and defend validity of data.  **Core Standards- Language Arts** | Flexibility in Thinking  Thinking interpedently and independently  Questioning and problem posing |
| **Creative Pursuits**  Students work cooperatively in small groups to produce a high quality product, skit and compete in an impromptu session. Selected groups will have the opportunity to compete in the district competition.  This year’s problem has not been published yet. I will let you know the topic as soon as it is selected. | **Critical Thinking Skills:** Fact/opinion, relevance/irrelevance, develop verbal and written directions, justify reasoning strategies.  **Affective-Intra-Interpersonal Skills:** Refine peer/group relationships, refine leadership skills, practice decision making, demonstrate initiative, demonstrate risk taking, implement time management, accept challenges, demonstrate task commitment.  **Research/Inquiry:** Conduct an interview, Conduct a survey, design charts and graphs, organize data, extrapolate information and concepts, utilize library systems, utilize multiple resources, formulate a summary, take notes, outline, construct a bibliography, create a research based presentation, defend validity of data, explore cross reference skills.  **Problem Solving Skills:** Practice scientific problem solving, select outcomes and choose the best possible solution.  **Creative Thinking Skills**: Demonstrate brainstorming, originality, transference.  **Independent Learning Skills:** Demonstrate decision making develop a plan, evaluate a product. | Flexibility in thinking  Thinking interpedently and independently  Questioning and problem posing  Executive Functioning  Responsible Risk-Taking  Ingenuity, creativity, and innovation  Intellectual Stamina and persistence |
| **Learning Activity** | **Cognitive Thinking Skills Core Standard** | **Scholarly Habits** |
| **6 Traits Writing-** This unit will explore the six traits of writing, ideas and content, organization, voice, word choice, sentence fluency, and conventions while writing a five paragraph persuasive, informative, and/or creative narrative essay. Students will use an online writing program called Utah Compose to receive immediate feedback and revise their paper prior to submitting it. | **Critical Thinking Skills:** Fact/opinion, relevance/irrelevance, develop verbal and written directions, justify reasoning strategies.  **Problem Solving Skills:** Practice problem solving, select outcomes and choose the best possible solution.  **Research/Inquiry:** Conduct an interview, Conduct a survey, design charts and graphs, organize data, extrapolate information and concepts, utilize library systems, utilize multiple resources, formulate a summary, take notes, outline, construct a bibliography, create a research based presentation, defend validity of data, explore cross reference skills.  **Core Standards- Language Arts** | Intellectual Stamina and persistence  Questioning and problem posing  Responsible Risk-Taking  Ingenuity, creativity, and innovation |
| **Problem Solving Strategies**   * Draw a picture or diagram * Make an organized list * Make a table * Solve a Simpler Related Problem * Find a pattern * Guess and Check * Experiment * Act out the problem * Work Backwards * Write an Equation * Change your Point of View | **Critical Thinking Skills:** Fact/opinion, relevance/irrelevance, develop verbal and written directions, justify reasoning strategies.  **Problem Solving Skills:** Practice mathematics problem solving, select outcomes and choose the best possible solution.  **Core Standards- Math** | Intellectual Stamina and persistence  Questioning and problem posing  Responsible Risk-Taking |