

## KIT: Kids Into Thinking

## Kindergarten

## WEATHER: Extension Adventures

**Essential Questions:**

***How do weather and climate affect people?***

***How do we use tools to measure changes in weather?***

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| **Goals / Objectives** | **Adventures** | **Materials** | Resources | **Notes/Comments** |
| **Science**  K.E.1: Understand change and observable patterns of weather that occur from day to day and throughout the year.  K.E.1.1: Infer that change is something that happens to many things in the environment based on observations made by using one or more of their senses.  K.E.1.2: Summarize daily weather conditions noting changes that occur from day to day and throughout the year.  K.E.1.3: Compare weather patterns that occur from season to season.  **Social Studies**  K.G.2: Understand the interaction between humans and the environment.  K.G.2.1: Explain how people adapt to weather conditions  **Mathematics**  K.CC.6: Identify whether the number of objects in a group is greater than, less than, or equal to the number of objects in another group.  **Language Arts**  WK.2. Use a combination of drawing, dictating, and writing to compose informative/explanatory texts in which they name what they are writing about and supply some information about the topic.  WK.7: Participate in shared research and writing projects (e.g., explore a number of books by a favorite author and express opinions about them).  RLK.5: Recognize common types of texts (e.g., storybooks, poems). | **Adventure 1**  Apply/  Create | Paper, pencil,  poster board,  Weather Senses worksheet |  |  |
| **Adventure 2**  Apply/  Create | Pencil,  crayons,  Kinds of Clouds worksheet,  cotton,  gray paper, etc., Internet access | Cloud books |  |
| Adventure 3Apply/ Analyze | Paper, pencil, Storyboard worksheet |  |  |
| **Adventure 4**  Analyze/  Create | Paper, pencil | *Cloudy With a Chance of Meatballs* by Judi and Ron Barrett | You can view *Cloudy With a Chance of Meatballs* being read aloud at [http://www.youtube.com/watch?v=XnGNNu7yCp0](http://www.youtube.com/watch?v=XnGNNu7yCp0%20) |
| Adventure 5 Apply/  Analyze | Paper, pencil,  weather report from newspapers | Online weather reports |  |
| Adventure 6 Analyze/  Create | Paper, pencil,  materials for advertisement, | Examples of weather tools, books or resources about weather tools |  |

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