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| Lesson Plan: Science-Hot & Cold Temperatures **Animals Surviving the Cold**  |
| **Purpose: (the why of the lesson)**-Identify materials insulate animals from the cold-Identify materials that are used by humans -Students will learn about hibernation, migration, adaptation, insulation | **SLE** specific learning expectations(focus of curriculum):-Science Gr. 2 D 2-9.1, 2-9.5, 2-9.8, 2-9.9, 2-9.10 |
| **Materials/Resources:** -“Animals in Winter” by Henrietta Bancroft and Richard G. Van Gelder or “Animals of the Cold” by Valerie Videau -‘Humans and Animals Need to Keep Warm!’ worksheets-pencil-colouring tools  |
| **Intro/Motivator**: (focus attn., activate prior knowledge)-Coming to school today what did you wear to keep warm? |
| **Development**: Main content, ideas/info, examples)-Talk about different types of insulators (ex. Mittens/toques in winter, igloos) -Read the book aloud, throughout it ask students how each animal stays warm (insulated)-Talk about adapting, hibernation and migration-Talk about goosebumps | **Guided Practice**; (application of concepts, activities)-Complete the worksheet, discuss as a class  |
| **Closure:** (check for understanding)-Do you think animals get goosebumps when they are cold? | **Assessment:** (retain knowledge, relate to prior knowledge)-Worksheet-Class discussion  |
| **Modifications** : (adaptations):-Students can work in partners to complete the worksheet  | **Extensions:**-Pick an animal and do a report on their adaptations to the winter |

***Reflections:*** *(what worked and what didn’t)*