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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)*