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| STAGE 1 – DESIRED RESULTS |
| **Unit Title: \_Polar Animals\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** **Established Goals:****LS1B- Growth and Development of Organisms****LS2A- Interdependent Relationships in Ecosystems** |
| **Understandings:** *Students will understand that…*• living organisms have certain characteristics- the definition of climate and the characteristics of the polar region-animals adapt -organisms rely on each other | **Essential Questions:**• How do we compare and contrast what is living and non-living?-How do we identify how and why animals adapt to their environment?**-** |
| Students will know:• characteristics of polar bears, arctic foxes, arctic hare, walrus, snowy owl, caribou, puffins and leopard seals -how to identify polar animals adapations: fur, blubber, claws, transparent hair, black skin- the polar climate: freezing temperatures, cold, snow, ice-  | Students will be able to:• identify living and non-living things -Sort polar and non-polar animals-distinguish the difference between polar and non-polar climates |

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| STAGE 2 – ASSESSMENT EVIDENCE |
| **Performance Tasks:****Students will sort pictures of living and non-living things.****Students will be able find pictures of polar animals.****Draw pictures to illustrate adaptations.** | **Other Evidence:** |
| **Key Criteria:** |

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| STAGE 3 – LEARNING PLAN |
| **Summary of Learning Activities:****KWL****Introduce with a Polar Animal video- virtual zoo tour- discuss what organisms are, and list organisms from polar region that were in the video****Informational texts on polar animals- Venn Diagram of polar animals vs non-polar animals** |