Climates and Ecosystems

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| **Stage 1 – Desired Results** |
| **Content Standard(s):** 7G1.1.1, 7G1.2.1, 7G1.3.2, 7G1.3.3, 7G2.1.1, 7G3.1.1, 7G3.2.1, 7G3.2.2, 7G5.2.1 |
| **Understanding (s)/goals and/or Essential Question(s):**Students will understand:Differences in Climate and WeatherTemperature changes through the yearWater is key in identifying ClimateAir Circulation and PrecipitationTypes of ClimateEcosystems |
| **Student objectives (outcomes):**Students will be able to:Identify different climatesUnderstand temperature fluctuates throughout the yearUnderstand ecosystems have many components |
| **Stage 2 – Assessment Evidence** |
| **Summative Assessment/Performance Task(s):**Climate quizClimate Map Drawing  | **Other Evidence:**In class assignment quality, Collins writing prompts, discussion on maps |

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| **Stage 3 – Learning Plan** |
| **Vocabulary:** weather, climate, precipitation, temperature, polar zone, tropics, evaporation, water cycle, tropical cyclone, hurricane, tropical wet, tropical wet and dry, humid subtropical, maritime, subarctic, semiarid, arid, tundra, deciduous tree, coniferous tree, savanna, ecosystem.**John Collins Writing Prompts: (ELA Teachers - 6+1 Traits of Writing)** What is the difference between climate and weather?How is the tundra different than an Arid climate?**Thinking Maps:** Circle Map Weather, Circle Map Climate |
| **Learning Activities:** discussion, thinking maps, Collins writing, **Accommodations:** extra-time, groupwork, modified quiz/tests, option to take test/quiz with special education provider. |