**World Climates Book**

**Make a book that includes the information listed on each page. Start on page 588 in the text book.**

**Page 1**- Title page and your name (Title can be “World Climates Book” or something like that)

**Page 2**- “Climate Zones Map” Draw the map of the world from your notes to show the polar, tropical and temperate regions. You should also label the equator, the tropic of cancer, the tropic of Capricorn, and the Arctic Circles (66.5⁰)

**Page 3**- Description of climate zones: Using the papers hanging up, give a description of each climate zone: Polar, Temperate, Tropical (what are temperatures and precipitation like, seasons they have, what people, plants, and animals live there, location, and a summary)

**Page 4**- “Factors that affect climate” List and explain how these impact climate: Latitude, elevation, topography, Water bodies, global winds/ Atmospheric Circulation, and vegetation (588-591), you can draw and fill out the chart from 588

**Page 5**- The Koeppen Classification system (starts page 592), define what the system is, and what **2** factors are used to classify climates (Hint: the 2 factors are in the definition)

 -What is the biosphere? What does it include? What are biomes? How are biomes classified / divided? (pg 7, 9, sheets hanging up)

**For pages 6 and 7 use pages 592-598**

**Page 6**- “Types of climates”: Draw this table and fill it out

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **What is it like in this climate?** | **How much rain does it get?** | **What is the temperature like?** |
| Wet Tropical Climate |  |  |  |
| Tropical Wet and Dry Climate |  |  |  |
| Humid Subtropical Climate |  |  |  |

**Page 7**- “Types of climates”: Draw this table and fill it out

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| **Name** | **What is it like in this climate?** | **How much rain does it get?** | **What is the temperature like?** |
| Marine West Coast Climate |  |  |  |
| Dry Climates |  |  |  |
| Subarctic climate |  |  |  |

**Page 8**- Color or Print the 6 climate types from pages 6 and 7 on your map (use 594-595 in the textbook to help you color and label your map) and draw a key, then attach the map in your book on page 8.

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