Weather Patterns Test Mastery

This is my formal request to attempt mastery for the test listed above. I realize that the opportunity to master this content requires me to properly prepare in order to reap the greatest benefit. Regardless of my grade on the mastery assessment, the second attempt is the final standing grade. In order to properly prepare for this opportunity I will do the following (please check as you complete and attach any documentation. If an activity is listed for multiple standards, it only needs to be completed once):

**AKS 15b2- Relate how moisture evaporating from the oceans (and other sources of water such as lakes, rivers, and plants) affects the weather patterns of the Earth’s surface. (GPS)**

\_\_\_\_\_1. Read Interactive textbook pages 301-307

\_\_\_\_\_2. Watch BrainPop “water cycle”

\_\_\_\_\_3. BrainPop “water cycle” quiz (earning at least 70%)

**AKS 15b3- Compare the four major types of air masses and how they create fronts that affect weather patterns**

\_\_\_\_\_1. Read interactive textbook pages 309-313

\_\_\_\_\_2. Review IN- air masses and fronts notes

**AKS 15b6- Investigate different types of weather phenomena (lightning, tornadoes, hurricanes, blizzards, and floods)**

Brainpop login: richardsms1\_teacher

Brainpop password: richardsms1

\_\_\_\_\_1. Read Interactive Textbook pages 315-319

\_\_\_\_\_2. Watch BrainPop “hurricanes, floods” videos

\_\_\_\_\_3. BrainPop “Hurricanes, Floods” quiz (earning at least 70%)

\_\_\_\_\_4. Review your severe weather notes

**AKS 15b7- Interpret weather maps and understand weather forecasting**

\_\_\_\_\_1. Read textbook pages 321- 323

\_\_\_\_\_2. Watch BrainPop “Weather”

\_\_\_\_\_3. BrainPop “Weather” quiz (earning at least 70%)

**AKS 15c- Relate unequal heating of land and water surfaces to form global wind systems and weather events such as tornadoes and thunderstorms (GPS)**

\_\_\_\_\_\_1. Read interactive textbook pg. 289-292 and 315-319

\_\_\_\_\_\_2. Watch Brainpop “tornadoes, thunderstorms” videos

\_\_\_\_\_\_3. Brainpop “tornadoes, thunderstorms” quiz (earning at least a 70%)

**AKS 15c1- Discuss factors that determine climate**

\_\_\_\_\_1. Read interactive textbook pages 325-329

\_\_\_\_\_2. Review climate notes

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