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| **Unit 3.2: Wild Wacky Weather****LEARNING PLAN****(overview)** |
|   | **Pre – Assessment of student conceptions** |
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| **Instructional Cycle & Focus Question** | **Phenomenon & Formative Assessments** | **Synopsis of Learning Activities with Vocabulary** |
| **Cycle 3.2.1.1:**What is typical weather for our region? **(5 Lessons)** | Fall: Animals Raining from Sky, Leaves Changing?Winter: Snow Days, Canceling Snow Festival, Ice bouldersSpring: March Heat Wave, Flying Kites  |  seasons, cloudiness, wind direction, latitude, hemisphere, temperature, weather, meteorologist, precipitation |
| **Cycle 3.2.1.2:**What causes the weather pattern that allows fruit to grow well in Michigan? **(4 lessons)** | Michigan Fruit Belt | climate, forecast, equator, weather records, poles, scaled bar graphs |
| **Cycle 3.2.1.3:**How do weather hazards influence the daily lives of humans? **(8 Lessons)** | Dwellings designed to withstand weather hazards  | regions,weather hazards, flooding, lightning rod, wind direction, thunderstorms, blizzard, tornado |