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| **Date** | **Ecology Warm- Up** |
| **11/14** | **What are three things fire need to start?**  *Fuel, heat, oxygen.* |
| **11/15, 11/17** | **What are the three forms of heat transference?**  *Convection, conduction, radiation.* |
| **11/18** | **What is a prescribed or controlled burn?**  *A planned fire intentionally set by a certified fire professional with permission from land owners, to achieve improved safety and land health goals.* |
| **11/21** | **What are three plant adaptations to fire?**  Fire activated seeds/cones, thermal insulation, resprouting, prolific flowering, “self-pruning”- tall crowns and few to no lower branches |
| **11/22** | **What is the most significant historical contribution to the large mega-fires that we have today?**  *Fire suppression for almost a century* |
| **11/28** | **How many tidal zones are there and what are they?**  *There are 4: Splash zone, High Tide, Middle Tide, and Low Tide* |
| **11/29, 11/30** | **What are the two major ecological concepts we are focusing on during the intertidal zones unit?**  *Competition and adaptations* |
| **11/30, 12/1** | **What are the characteristics of the Middle Tide Zone?**  *Most active zone, it is uncovered 2 times a day, contains organisms that are adapted to both dry and wet environments.* |