

Middle School Hurricane Tracking:

Lesson Duration: 1-2 weeks

Objectives:

Explain how weather patterns and geography impact hurricane formation

Track path and intensity of Hurricane Dorian

Assess 2019 storm's effects on Bahamian islands

Activities:

Day 1: Study hurricane weather patterns, geography of storm formation, review Dorian's timeline

Days 2-4: In small groups, use maps and meteorological data to recreate Dorian's path day-by-day from formation to Bahamian landfall through dissipation. Calculate wind speeds each day.

Days 5-7: Research the 2019 storm's impact on specific Bahamian islands/settlements regarding property damage, flooding levels, loss of life/infrastructure.

Day 8-10: Compile findings into a public service announcement warning residents about hurricane threats, preparedness tactics.

Assessment: Accuracy of plotted hurricane path tracking, detail of geographic impact reports, completion of public service announcements