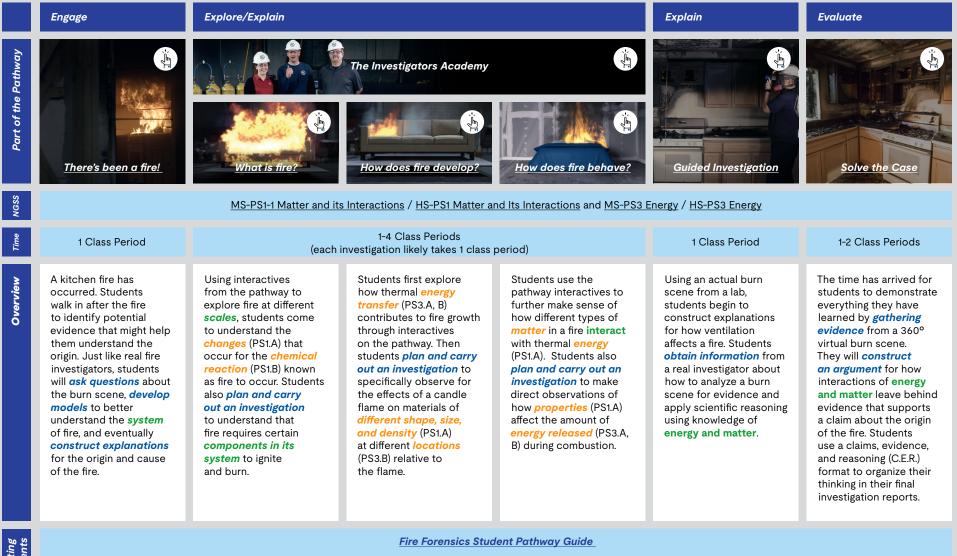
## Welcome to Xplorlabs: The Science of Fire Forensics, Claims, Evidence and Reasoning

There's been a fire! It is the students' job to figure out where the fire started and how. The Science of Fire Forensics pathway provides an opportunity for students to explore scientific concepts related to the natural phenomenon of fire and make sense of how they relate to a career in fire investigation. At the conclusion of the pathway, students will virtually analyze a real burn scene to solve the case of the kitchen fire's origin and cause using a claims, evidence and reasoning (C.E.R.) format.



Supporting Documents

<u>The Fire Triangle</u> Investigation Heat Transfer and Ignition Investigation

Energy and Combustion Investigation

Fire Lab Data Analysis

Solve the Case