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Strategy Name: Lab Safety (12 Days)

Objectives: Students will have a deep understanding of personal protective equipment (PPE) in implement it in the lab setting and track performance as a class.

Preparation and Materials Needed:

- Computer access
- OSHA 10 Hour content (Career Safe)
- Examples of a wide variety of PPE (Glasses, Hair net, Earplugs, respirator, etc)
- Key Production Indicator (KPI) / Incident Chart

Process: After seeing the importance given to PPE across all industry sectors on recent industry visits, I decided to bring that value into the classroom. This lesson could be used in any woods, construction, automotive, or manufacturing classroom. The process would begin with a conversation around this importance of safety in the workplace as well as common PPE. Next students would move into studying for their OSHA 10 Hour card. Once that is achieved a KPI incident chart will be maintained in the lab setting by a OSHA 10 certified “student safety leader”.

Tasks:

- Assign student Logins to [Career Safe](#) / Purchase.
- Have class conversations around experiences with accidents, and try to identify a cause.
- Complete the daily lessons through Career Safe. Ensure students are engaged and actively taking notes. Reiterate the importance of this type of work.
- Take Career Safe OSHA Ten Assessment.
- Students that pass their OSHA 10 exam can lead lab time for the rest of the year as a “Student Safety Leader”. On top of their daily lab expectations, during a students designated week, their job is monitor students and list on a KPI chart days where students complied 100% with PPE protocols, days in which a PPE protocol was broken, and days in which any incident with any level of injury occur
- In the case of an injury it is always important to follow up with the class with an analysis of why the injury occurred and what steps will be taken in the future to insure it is prevented.

Closure: While parts of this lesson is ongoing throughout the school year. The main takeaways at the end of the initial 12 days is around common PPE, Common safety rules, importance of safe practice, and activity tracking performance against those protocols.

