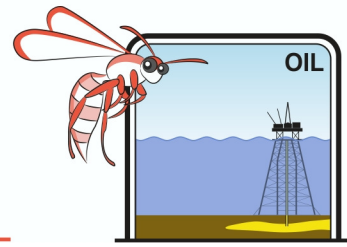


Safety In The Oil & Gas Industry - Student Activity



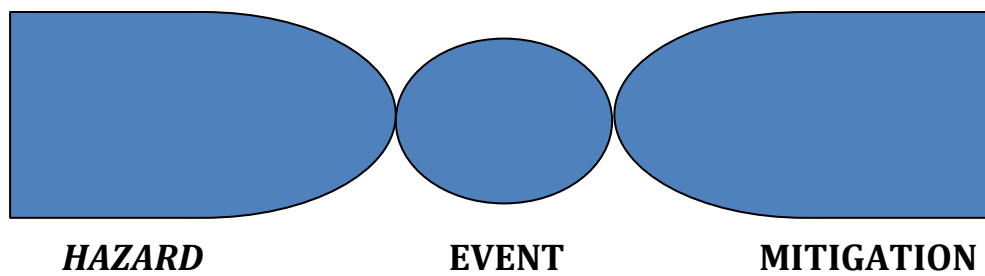
Humans are a major resource for any industry. Most trades people and professionals are well over twenty years old before they begin to become employable. A broken piece of machinery may take weeks to replace. An appropriately trained human may take longer.

In the oil and gas industry, personnel are trained to:

- 1. Spot the HAZARD.**
- 2. Take measures both physical and behavioural to prevent the event that the hazard might have caused (TRAINING).**
- 3. MITIGATE effects of the event if it occurs.**
- 4. Have a successful outcome**

The third step is necessary because humans can make serious mistakes. There are tales of people thinking they could safely enter gas filled rooms if they just held their breath or dropping tools into conveyor belts and reaching down to retrieve them.

They call this approach the “Safety Bow Tie”.



Suggest a potential hazard that you might spot at school and show it could be dealt with using the “Safety Bow Tie” method.

HAZARD

TRAINING

EVENT

MITIGATION