

Safety Management

Discussion Session

Hazardous Materials: The World Café classroom

0. Your idea can be here

1. Hazardous materials at the gas station
2. Hazardous materials in batteries
3. How to rejuvenate a damaged rechargeable battery
4. Hazardous materials in laser printers and copiers
5. Ergonomic workplace: Where to place a laser printer/copier
6. Hazardous materials in fluorescent lamps: How to use and utilize them
7. Hazardous materials in IoT sensors: Mercury tilt switch sensor (Arduino

Uno/Mega sketch)

8. Exposure to hazardous materials
9. Hazards of hazardous materials
10. Controlling physical hazards
11. Controlling health hazards
12. Hazardous materials worksheet
13. 18650 batteries: Where and how we use them
14. Hazardous materials in our computers
15. Hazardous materials in the university
16. Hazardous materials in our everyday life
17. Hazardous materials worksheet (created by Construction Safety Council)
18. Hazardous Waste Operations and Emergency Response (HAZWOPER)
19. Hazards of hazardous materials: Criteria for flammable liquids
20. D-Wave quantum computer: Cryogenic and refrigerated liquids
21. Gas in the apartment: The sensor shows the gas leakage – What should we

do?

22. Diggers in confined spaces: What hazardous materials should they expect underground?
23. You paint your car by yourself: What PPE should you use?

Other topics related to Hazardous Materials.

The **World Café method** is designed to create a safe, welcoming environment in which to intentionally connect multiple ideas and perspectives on a topic by engaging participants in several rounds of small-group conversation.

World Café method

(<https://theworldcafe.com/key-concepts-resources/world-cafe-method/>)

1) *Welcome and Introduction*: The host begins with a warm welcome and an introduction to the World Café process, setting the context, sharing the Cafe Etiquette, and putting participants at ease.

2) *Small-Group Rounds*: The process begins with the first of three or more twenty-minute rounds of conversation for small groups of four (five maximum) people seated around a table. At the end of the twenty minutes, each member of the group moves to a different new table. They may or may not choose to leave one person as the “table host” for the next round, who welcomes the next group and briefly fills them in on what happened in the previous round.

3) *Questions*: each round is prefaced with a question specially crafted for the specific context and desired purpose of the World Café. The same questions can be used for more than one round, or they may build upon each other to focus the conversation or guide its direction.

4) *Harvest*: After the small groups (and/or in between rounds, as needed), individuals are invited to share insights or other results from their conversations with the rest of the large group. These results are reflected visually in a variety of ways, most often using graphic recording in the front of the room.