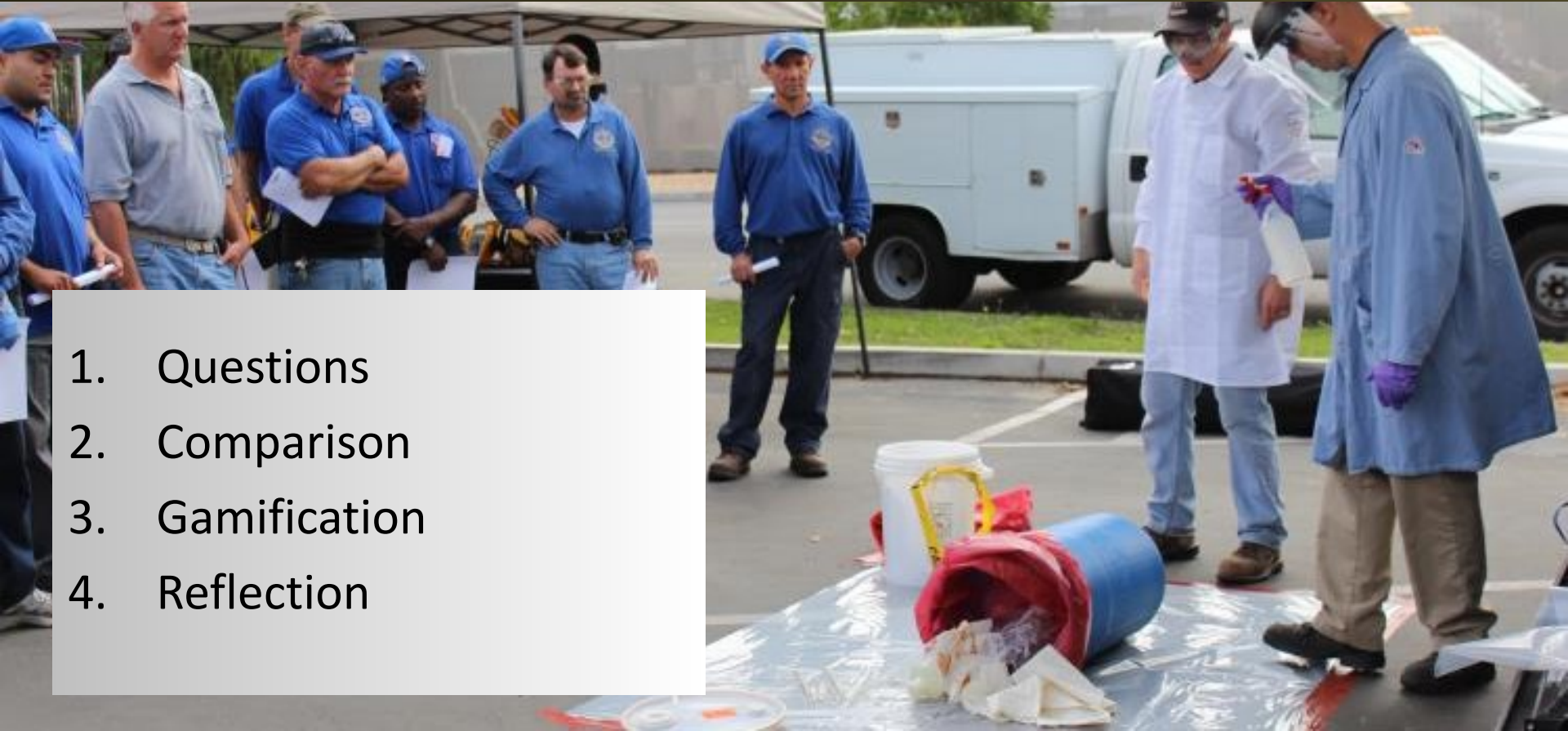


Emotional  
Eye-Catchy  
**Engaging**

Use active learning teaching methods

1. Questions
2. Comparison
3. Gamification
4. Reflection





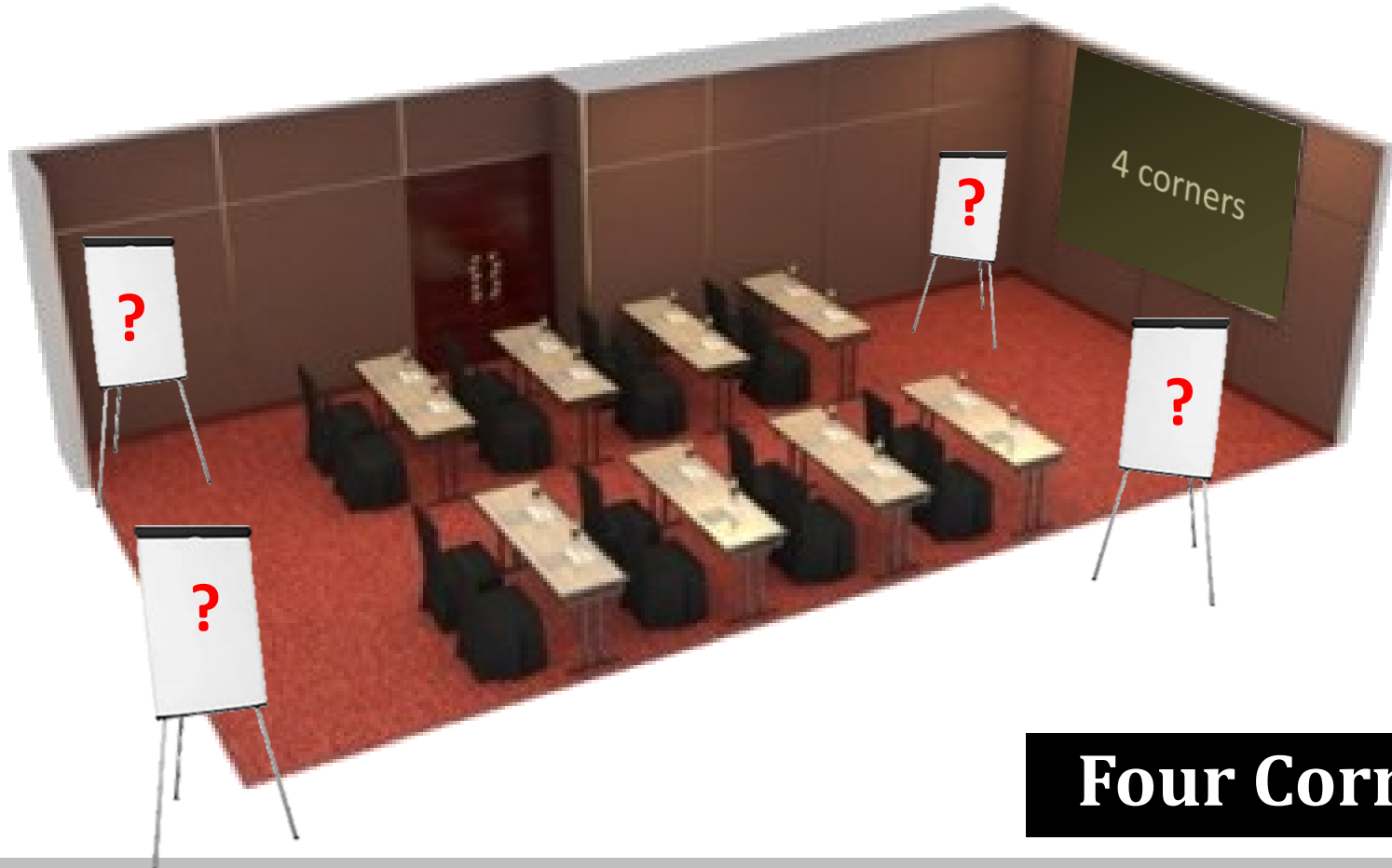
**Think**



**Pair**



**Share**



## Four Corners

Place questions on flipcharts in each corner. Break up into 4 groups. Assign each group to answer one of the questions.

# Questions

1

Place  
questions  
on flipcharts



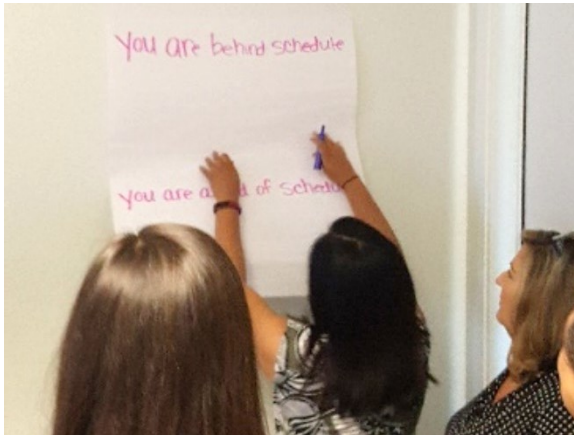
2

In  
each  
corner  
of the room



3

Break up  
into 4 groups



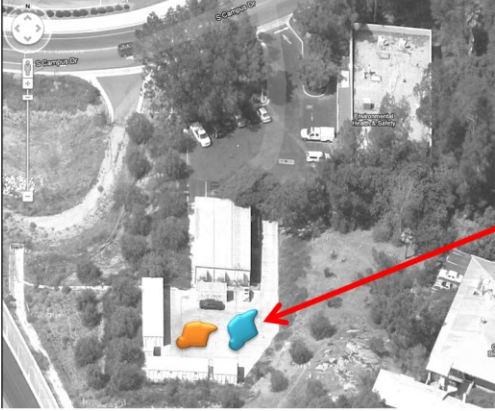
4

Assign  
each group  
to answer one  
of the questions





# Scenarios

UCRIVERSIDE   Environmental Health & Safety			
<b>INCIDENT BRIEFING</b>			
<b>1. Incident Name</b> Hazardous Materials spill		<b>2. Date</b> 03/21/12	<b>3. Time</b> 1:30 pm
<b>4. Map Sketch</b>			
<p>On Wednesday, March 21, 2012 at approximately 1:30 pm, Dr. De La Rosa called to notify you of a large spill that needs EH&amp;S help to cleanup. He is not sure what it is, except that it's a corrosive chemical. In the background you hear that someone was transporting containers of hydrochloric acid (HCl) and sodium hydroxide (NaOH) before the containers were dropped.</p> <p>The spills occurred in the back parking lot of the EH&amp;S building.</p>			
			
<b>Spill site</b>			
<b>For training use only</b>			
<b>ICS 201</b> Page 1 of 1		<b>6. Prepared by (Name and Position)</b> Janette de la Rosa Ducut, Ed.D., Training Manager	

ICS 201



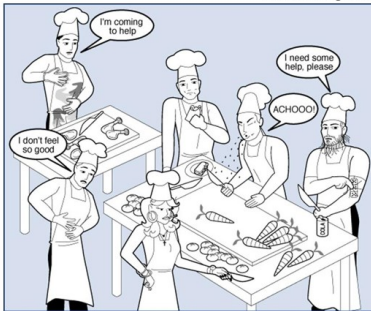
## Problem

Imagine you walked into a HKUST training session that sounded interesting. After 5 minutes you wanted to **leave**. There is **another meeting** you want to go to, but you're sitting in the **front row**. What would you do?



## Comparisons

What's wrong with this picture?



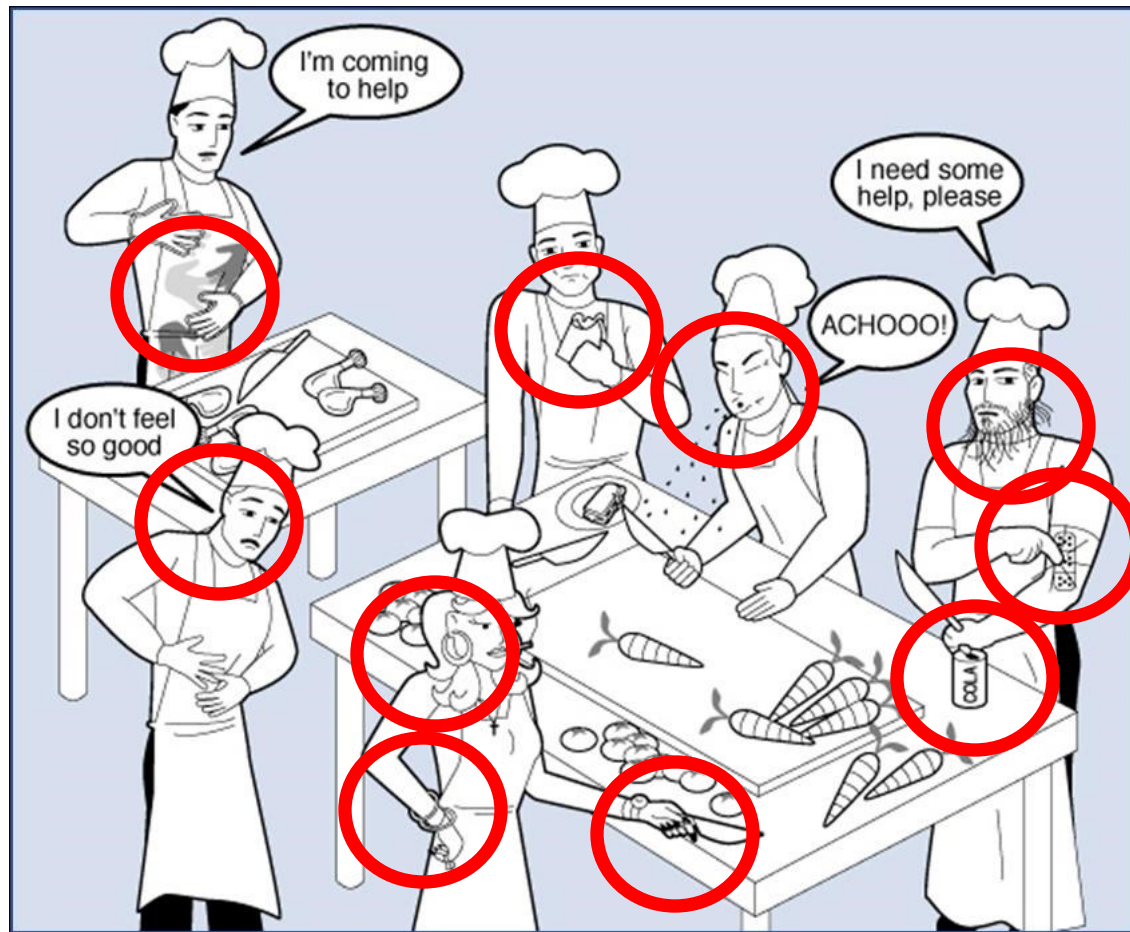
Circle all of the problems you find.

[illegible]

# Compare & Contrast

enables critical thinking  
and builds memory





What's wrong with this picture?

# Comparisons

CSHEMA  
**Training Secrets**  
Creating compelling presentations  
Janette de la Rosa Ducut, Ed.D.  
July 15, 2017

### Overview

#### Objectives

By the end of this session you should be able to create compelling presentations that are:

- 1. Emotional**  
Tell a story, show a video, or adapt concepts from commercials to bring your point home.
- 2. Eye-Catchy**  
Make it visual so that people remember.
- 3. Engaging**  
Use active learning teaching methods.

### Checklist

☐ Story  
☐ Video  
☐ Pictures  
☐ Questions  
☐ Scenarios  
☐ Comparisons  
☐ Gamification  
☐ Reflection

### Resources

**For more information**

Janette de la Rosa Ducut, Ed.D.  
Training Director  
University of California | Risk & Safety Training  
(951) 827-6303 | [janette.ducut@ucr.edu](mailto:janette.ducut@ucr.edu) | <http://training.ucr.edu>

### Finish the sentence

#### Injury & Illness Prevention Plan (IIPP)

**Identify the incorrect sentence:**

1. Conduct a **hazard assessment** to minimize/reduce hazards. Provide safe equipment. Establish SOPs and plans.
2. **Inspect** the work area and correct unsafe work conditions.
3. **Communicate** frustrations.
4. Investigate **injuries**, prevent recurrence, and report serious injuries / fatalities to Cal/OSHA.
5. **Keep records**. Document activities.

**Add the missing sentence:**

---

---

### Audience Response System

**What is it?**


Online tools allow people to use their phones to answer quiz questions. To use them, you will need a computer (or phone) connected to the internet, that is displayed to a screen or TV. Easy-to-use and free tools include Kahoot!, Poll Everywhere, and Mentimeter.

**Participate**

1. Go to [www.menti.com](http://www.menti.com)
2. Enter the code **745097**
3. Type in your name
4. Use your phone to **answer** the questions

**Create**

1. Go to [www.mentimeter.com](http://www.mentimeter.com)
2. Click on **"Sign up"** (upper right-hand corner)
3. Click on **"New presentation"**
4. Enter **name** of presentation
5. Click on **"Create presentation"**
6. Choose a **slide type**
7. Enter a **question and answers**
8. Click on **"Present"** when ready
9. Direct participants to **follow instructions** on the screen



*Identify the incorrect sentence:*

1. **Implement** and maintain the Injury & Illness Prevention Plan
2. Conduct a **hazard assessment** to minimize/reduce hazards. Provide safe equipment. Establish SOPs and plans.
3. **Inspect** the work area and correct unsafe work conditions.
4. **Communicate** ~~frustrations~~ **hazards**
5. Investigate **injuries**, prevent recurrence, and report serious injuries / fatalities to Cal/OSHA.
6. **Keep records**. Document activities.

*Add the missing sentence:*

Ensure training is  
completed specific  
to an individual's job

Provide opportunities for critical thinking.

# Gamification

## CHALLENGE



- Choose
- Find (discover)
- Match (drag & drop)
- Sequence
- Compare & Contrast
- Capture
- Eliminate

## MECHANICS



- Turns
- Competition
- Timer
- Reward & Risk
- Chunking
- Chance
- Achievement
- Avatar

## FEEDBACK



- Audio (verbal/sound)
- Visual (colors)
- Animation (character)
- Correct / Incorrect
- Hidden states
- Background changes
- Progress bar

## Gamification

Application of game **elements** and **design** to non-game problems.

# Gamification



**Legos** | Emergency Comm.

- ❑ Use interactive games and toys.
- ❑ Build in competition and rewards



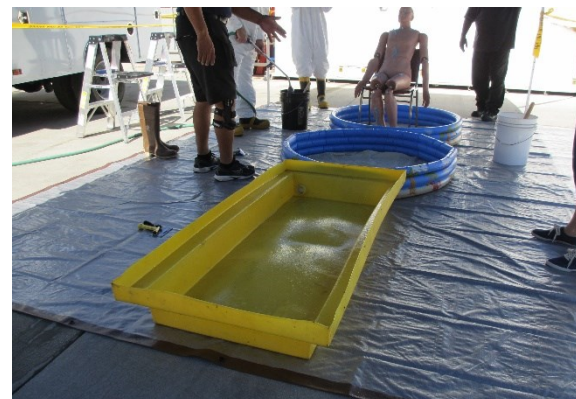
**Jenga** | Accident Investigations



**Legos** | HAZWOPER



**Jeopardy** | Emergency & Fire Safety



**Pools** | Chemical Decontamination



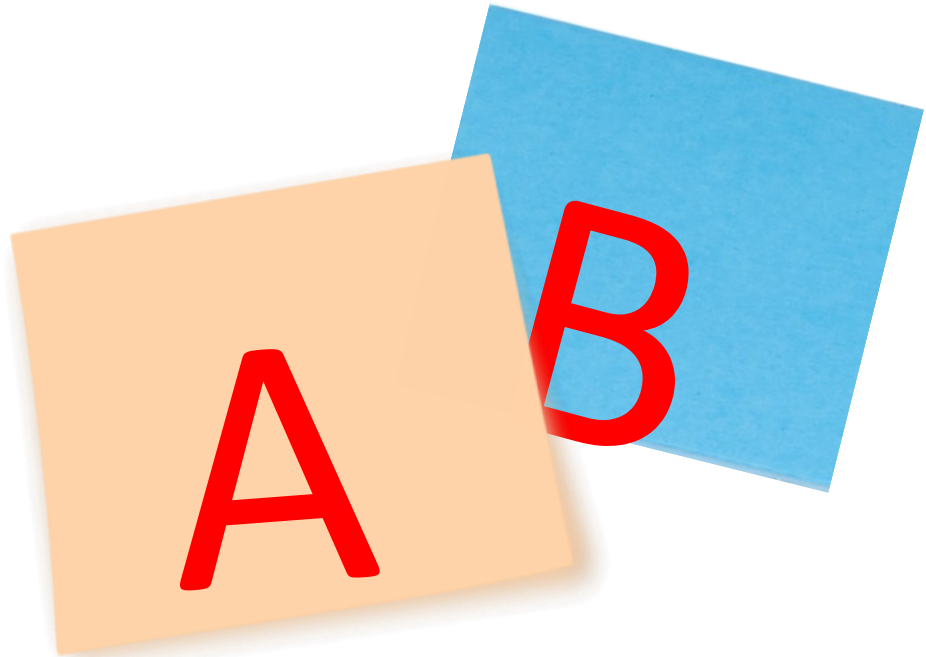
## Audience Response Systems

 **Mentimeter**

**Kahoot!**

 **Poll Everywhere**

## Voting Cards





Go to [www.menti.com](https://www.menti.com) and use the code **54 96**

What is your name?

Mentimeter

Word cloud showing names: John, Jeff, Cory, Mary, Tracy, James, Don, Cedric, Edward, Liz, Carol, Larry, Dave, Michele, Jake, Mary Beth, Chandler, Scott, Wayne, Jim, Marianna, Patrick, Elliott, chn, Melinda, Brad, Scud, Chris, Mize, Thaismary, David, sara, Kala, Christy, Margaret, Lorraine, Joe, Cheri, slugman, Dennis, JWF, Gail.



45

pay 75 84% 9:55 AM

<https://www.menti.com>

Mentimeter

Please enter the code

54 96

Submit

The code is found on the screen in front of you

or

Find nearby presentations



Risk & Safety  
**TRAINING**  
University of California

# Zappar

## INSTRUCTIONS



1. Launch “**Zappar**” app



2. Press “**Zap**” icon



3. **Point** camera at images

# Use phone to scan “Safety First” handout

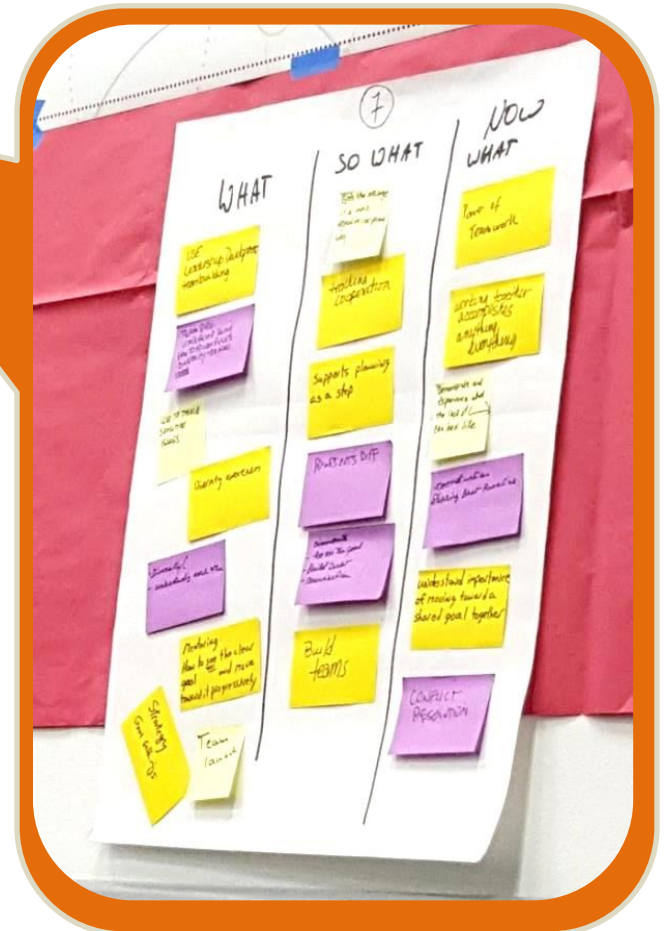


# Reflection

Reflection		
What?	So What?	Now What?

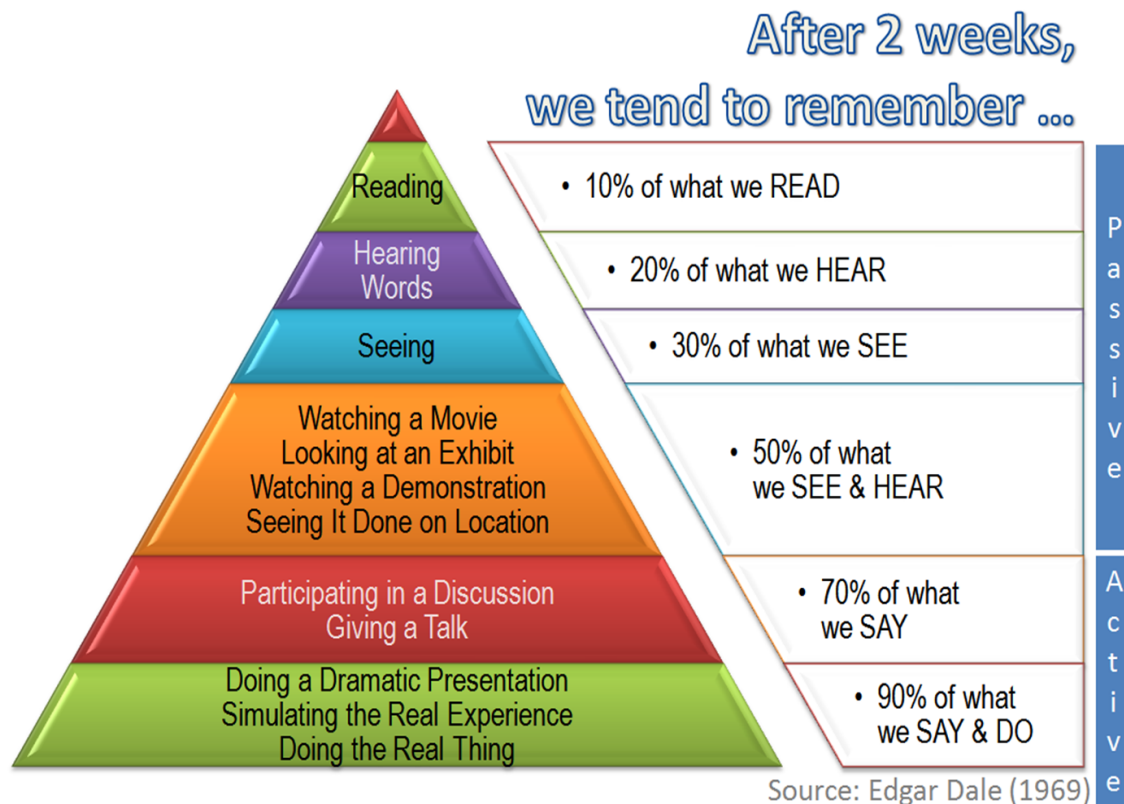
**Start. Stop. Continue.**

1. What will you **start** doing (differently)?
2. What will you **stop** doing?
3. What will you **continue**?



Encourage people to be the producers of knowledge, not just the consumers.

# How we learn

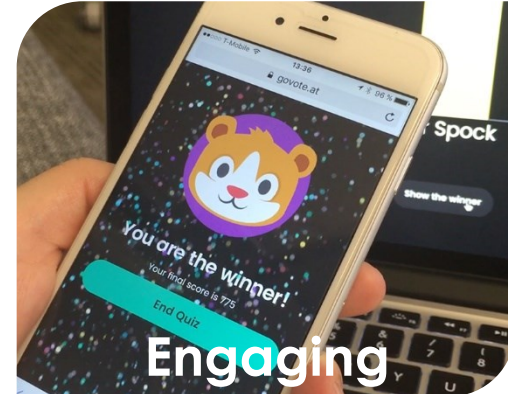
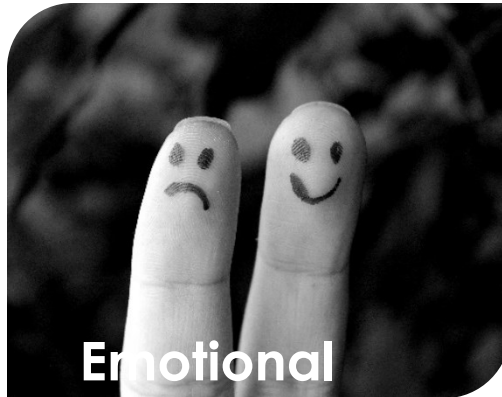


Cone of Learning



# Summary

Remember to create compelling presentations that are:



## Develop training programs that include

### Needs assessment

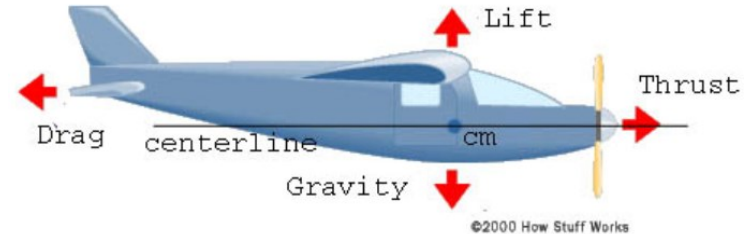
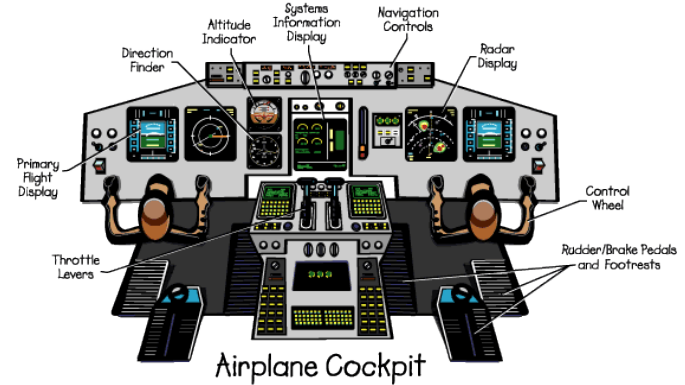
- Training Matrix

### Records

- Roster / Sign-in sheet

### Evaluation

- Course evaluation form



## Design courses using

### Instructional design

- Objectives
- Assessments
- Materials

### Visual design

- Theme
- Design
- Font
- Images

### Assessments

- Observation is the best form



## Create compelling presentations that are

### Emotional

- Tell a story
- Show a video

### Eye-Catchy

- Picture superiority effect
- Add images and minimal text

### Engaging

- Questions
- Comparison
- Gamification
- Reflection

**Fun and Interactive**