

#### **BLOOMIN' TAXONOMY**

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#### PRESENTER BIO

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- Designed, developed, facilitated, and evaluated training material for multiple chemical and refining companies

# **INTRODUCTION**

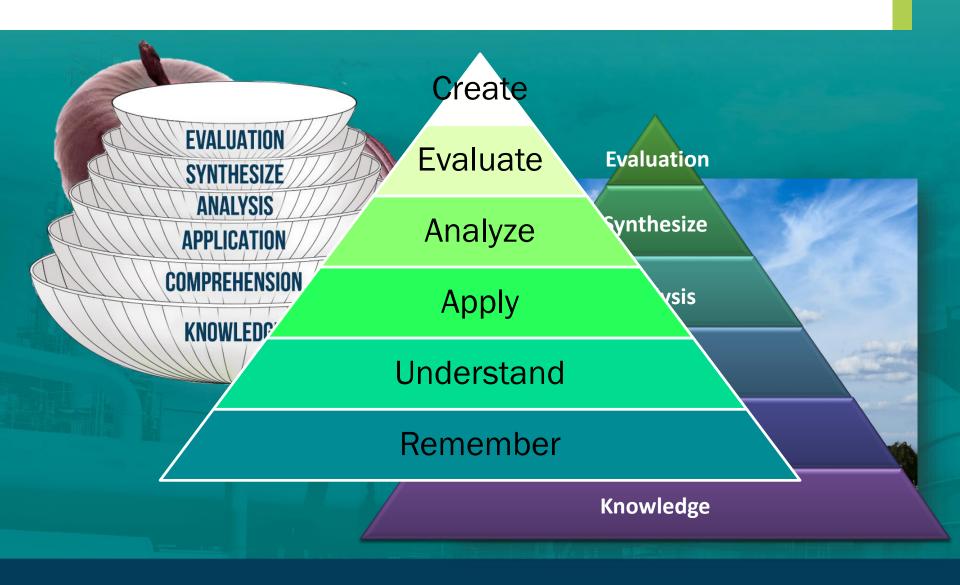


### **LEARNING OBJECTIVES**

#### After this session, you will be able to:

- Explain the various levels of Bloom's Taxonomy
- Apply the levels of Bloom's Taxonomy to training design

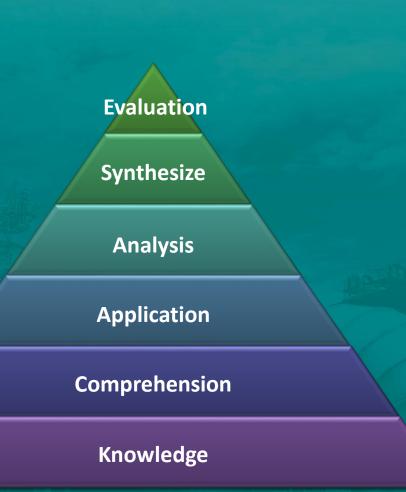
## **INTRODUCTION**



### **BLOOM'S BASICS**

### Bloom's Taxonomy

- Describes thinking at different complexity levels
- Helps identify learning goals



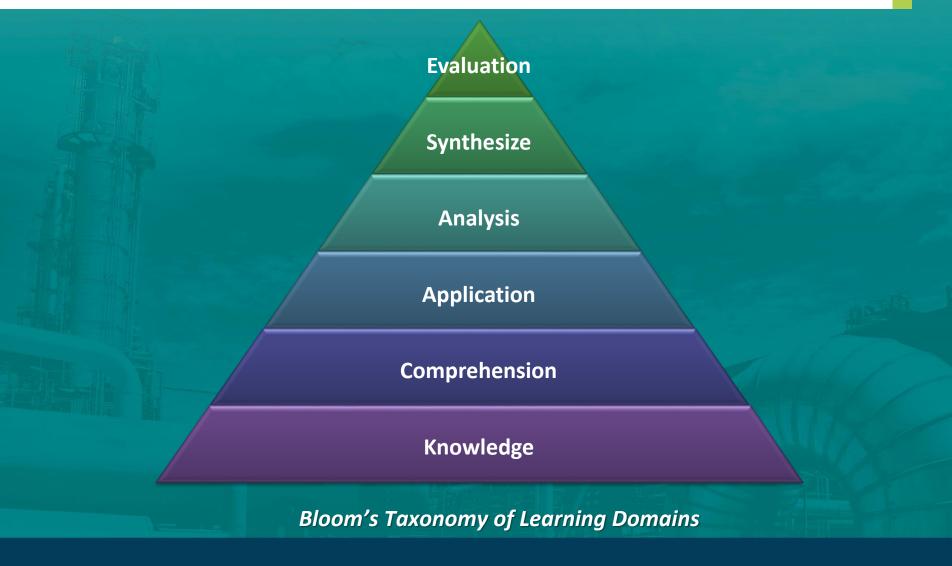
### **BLOOM'S BASICS**

## Bloom's Taxonomy

- Training
- Lesson Objectives
- Activities
- Assessments
- Outcomes



## **BLOOM'S TAXONOMY**





**Bloomin' Chart: Gathering Tools** 



#### **BLOOM'S TAXONOMY - LEVELS**

 Making judgment based on pre-established set **Evaluation** of criteria • Producing something new from component **Synthesize** parts • Break information into parts or **Analysis** making inferences using evidence to support conclusions Using a concept to solve a **Application** problem Explain/Interpret the Comprehension meaning of material Remembering facts, Knowledge terms, concepts, definitions, principles

Bloom's Taxonomy Levels of Knowledge



**Bloomin' Chart: Collecting Ingredients** 



#### **BLOOM'S TAXONOMY – OBJECTIVES**

• Judge, appraise, evaluate, rate, compare, value, **Evaluation** revise, score, select, choose, assess • Compose, plan, propose, design, **Synthesize** formulate, organize, manage, prepare Distinguish, differentiate, appraise, **Analysis** calculate, experiment, test, compare Interpret, employ, use, **Application** demonstrate, practice, illustrate Translate, restate, discuss, Comprehension describe, explain, express Define, list, state, Knowledge select, identify, label

Bloom's Taxonomy Levels of Knowledge



**Bloomin' Chart: Following the Recipe** 



#### **GROUP ACTIVITY - ANSWERS**

- 1. Explain why car maintenance is important. Comprehension
- 2. Create a plan to return the car to working condition. Synthesis
- 3. Determine why the car will not start. Analysis
- 4. Estimate the amount of time the car will need to be in the shop for a brake check. Evaluation
- 5. Perform basic car maintenance. Application
- 6. State the frequency of oil change, tire rotation, and air filter replacement. Knowledge

### **BLOOM'S TAXONOMY – ACTIVITIES**

• Evaluate the efficiency of the ... **Evaluation**  Troubleshoot the .... Devise a plan to increase safety compliance **Synthesize**  Propose a solution to the... Prepare a report showing.... **Analysis**  Compare the two types of pumps Demonstrate how to write a ... **Application**  Calculate the flow rate given.... Retell steps in the process Comprehension Draw a diagram of... Make a chart showing Knowledge • List all steps in the...

Bloom's Taxonomy Levels of Knowledge



**Bloomin' Chart: Frying the Onion** 



#### **SUMMARY**

In this lesson, you learned about Bloom's Taxonomy, including:

- Various levels of Bloom's Taxonomy
- How to apply the levels of Bloom's Taxonomy to training design

# **QUESTIONS**

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