



Your STEM Mission

Your Mission Goal:

Determine the enemy that is a threat and discover the solution to defeat this enemy. As a leader, you need to use all your resources and involve all your teams to research and find the enemy and solution. Check in with each of your teams to find the answers to the clues. You will need to think outside the box to analyze the clues to complete the mission.

Mission Instructions:

All clues and answers are on this web page: <https://www.alakainafoundation.com/total-solutions> Go to each of your 6 teams (listed on the web page) and fill in the blanks with the words to solve the clue. Some letters are provided in the blanks for you. The letters in the red blanks will be important to discover the enemy and solution to defeat the enemy. Good luck! We are all depending on you.

Who is the Enemy?

Team 1: Professional and Administrative Support Services

Clue: How we track numbers and budgets

Answer: A C C _ _ _ T _ _ _ A N D F _ N _ N C E

Team 2: Base Operations

Clue: How we solve our missions

Answer: P E R S _ _ _ E L _ _ _ A _ _ _ E T S

Team 3: Range Operations

Clue: How we use electromagnetic energy for defense

Answer: _ _ E C _ _ _ N I C _ _ _ _ _ R E

Team 4: Biomedical Defense

Clue: How we use engineering to defend against biological threats

Answer: B I O _ _ _ _ C A _ _ _ F _ _ _ _ E

Team 5: IT Service Solutions

Clue: How we protect our computers against threats

Answer: C _ _ _ _ R _ _ E C _ _ _ _ T _

Team 6: Emergency & Disaster Risk Reduction and Management

Clue: How we prepare for natural and man-made disasters

Answer: E M E _ _ _ _ _ C Y _ _ _ N A G E _ _ _ _ T
_ _ _ P _ _ P _ _ _ _ D _ _ _ _ _

Final Analysis: _ _ _ _ _



What is the Solution?

Team 1: Professional and Administrative Support Services

Clue: What we do to ensure each solution is specific to the problem

Answer: _ _ G H _ Y - _ _ _ _ _ I Z _ _

Team 2: Base Operations

Clue: Our vital protection services

Answer: _ _ R _ _ _ _ _ _ _ _ G E N _ Y
S _ _ V I _ _ _

Team 3: Range Operations

Clue: How we use information to safely and appropriately handle weapons

Answer: O R D _ _ _ _ _ , _ _ _ A M _ _ _ G E M _ _ T

Team 4: Biomedical Defense

Clue: How we keep our citizens safe from health threats

Answer: _ O P _ _ _ _ _ I O N _ _ A L _ H
_ R O _ _ _ C T _ _ _

Team 5: IT Service Solutions

Clue: How we manage solutions

Answer: _ _ P P _ _ T _ _ _ _ B I L _ _ _ E S

Team 6: Emergency & Disaster Risk Reduction and Management

Clue: How we ensure current safety of people

Answer: _ _ _ R O D _ _ _ _ _ _ _ _ E _
_ M E R _ _ N C _ _ A N A _ _ _ _ N T
_ _ _ D _ _ A S _ _ R _ _ _ _ K
_ _ D U _ _ I _ _ _

Final Analysis: _ _ _ _ _ _ _ _ _ _



Your STEM Mission - ANSWERS

Your Mission Goal:

Determine the enemy that is a threat and discover the solution to defeat this enemy. As a leader, you need to use all your resources and involve all your teams to research and find the enemy and solution. Check in with each of your teams to find the answers to the clues. You will need to think outside the box to analyze the clues to complete the mission.

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Who is the Enemy?

Team 1: Professional and Administrative Support Services

Clue: How we track numbers and budgets

Answer: ACCOUNTING AND FINANCE

Team 2: Base Operations

Clue: How we solve our missions

Answer: PERSONNEL AND ASSETS

Team 3: Range Operations

Clue: How we use electromagnetic energy for defense

Answer: ELECTRONIC WARFARE

Team 4: Biomedical Defense

Clue: How we use engineering to defend against biological threats

Answer: BIOMEDICAL DEFENSE

Team 5: IT Service Solutions

Clue: How we protect our computers against threats

Answer: CYBER SECURITY

Team 6: Emergency & Disaster Risk Reduction and Management

Clue: How we prepare for natural and man-made disasters

Answer: EMERGENCY MANAGEMENT AND PREPAREDNESS

Final Analysis: UNAWARENESS



Your STEM Mission - ANSWERS

What is the Solution?

Team 1: Professional and Administrative Support Services

Clue: What we do to ensure each solution is specific to the problem

Answer: HIGHLY-CUSTOMIZED

Team 2: Base Operations

Clue: Our vital protection services

Answer: FIRE AND EMERGENCY SERVICES

Team 3: Range Operations

Clue: How we use information to safely and appropriately handle weapons

Answer: ORDNANCE, DATA MANAGEMENT

Team 4: Biomedical Defense

Clue: How we keep our citizens safe from health threats

Answer: POPULATION HEALTH PROTECTION

Team 5: IT Service Solutions

Clue: How we manage solutions

Answer: SUPPORT CAPABILITIES

Team 6: Emergency & Disaster Risk Reduction and Management

Clue: How we ensure current safety of people

**Answer: INTRODUCTION OF NEW EMERGENCY MANAGEMENT AND
DISASTER RISK REDUCTION**

Final Analysis: STEM EDUCATION