

FPS Beginning Coaches Training

Part 3:

The Criteria and Table

The Action Plan

April 2020

Steps 4 & 5: The Criteria and the Table



Selecting your Best Solutions

- After completing your 16 solutions, the team members select the eight solutions that they feel are most likely to solve the UP
- These are written in the table using only a short description of the solution



Criteria

- The criteria are used to measure the effectiveness of your top eight solutions
- **Each criteria must include a superlative adjective**
- **Each needs to be correctly written as a question**



Criteria



Applicability and Relevance

- Criteria not correctly written **ARE** evaluated for relevance and applicability.
- A well-written criteria should be relevant
- A criteria could be classified as not relevant if it would have no impact while evaluating the solutions

3 Tier Criteria



Generic (1 point)

Definition: A criterion that can be linked or used with any topic of study.

Examples:

- Which solution will be the most effective?
- Which solution will cost the least?
- Which solution will make the most people happy?

3 Tier Criteria



Modified (2 points)

Definition: A generic criterion with added words specific to the Future Scene, such as important stakeholders, the general population, events or processes.

Example:

- Which solution will be the most effective for people using ... (a specific item that relates to the Future Scene and enhances the relevance of the criterion.

3 Tier Criteria



Advanced (3 points)

Definition: Criteria that go beyond generic or modified.

Advanced criteria can be written in three ways:

- Based on the KVP, condition phrase or the purpose of the UP.
- Specific to the topic that cannot be easily used with many other topic areas.
- A generic core idea that is justified with specific, detailed information from the Future Scene.

3 Tier Criteria



Examples of 3-point criteria using the following UP:

AI-driven aircars are a popular alternative to traditional automobiles at airports in 2061, adding to the further congestion of the skies already full of short-haul and long-haul aircraft. How might we alleviate congestion at airports worldwide so that the potential for air accidents is lessened.

(UP/KVP) WSW alleviate the **most** congestion at airports worldwide?

(UP/Purpose) WSW reduce accidents the **most** at airports worldwide?

(Generic + FS Fact) Since aircars are driven by AI navigation systems, WSW be the **safest** in case AI fails?

(Plain, specific) WSW protect the security of air travelers the **most**?

3 Tier Criteria



3-point criteria using the following UP:

AI-driven aircars are a popular alternative to traditional automobiles at airports in 2061, adding to the further congestion of the skies already full of short-haul and long-haul aircraft. How might we alleviate congestion at airports worldwide so that the potential for air accidents is lessened.

(Generic + FS Fact) Since business travelers are sometimes subjected to hand searching of carry-on bags, WSW save the **most** time for these travelers?

(Plain, specific) WSW create the **most** equity for travelers of all income levels?

(Plain, specific) WSW **best** protect the privacy of air travelers? (This criterion may be classified as not relevant depending on the Future Scene)

Apply Criteria to Solution Ideas in the Table

The evaluators are looking for eight solutions that they expect to be relevant to the UP.

- Each solution is ranked from 1-8 based on each criterion.
- List the solution with a very brief description in the table
- Total score on the Table = 180 points



Example Table



	Criterion 1	Criterion 2	Criterion 3	Criterion 4	Criterion 5	Total
Solution 4	1	2	2	3	1	9
Solution 7	4	5	3	2	6	20
Solution 8	7	4	6	8	8	33
Solution 10	5	3	1	1	2	12
Solution 11	8	6	4	7	7	32
Solution 13	2	7	8	5	4	26
Solution 15	6	8	5	4	5	28
Solution 16	3	1	7	6	3	20

Solution #8 would be used to create the team's Action Plan as it scored the highest total score.

Applying Criteria to Solution Ideas

- Evaluators are looking for correct use of the table
- Each error is assessed a one point penalty
- An automatic score of 1 is given if the incorrect solution is used to write the Action Plan



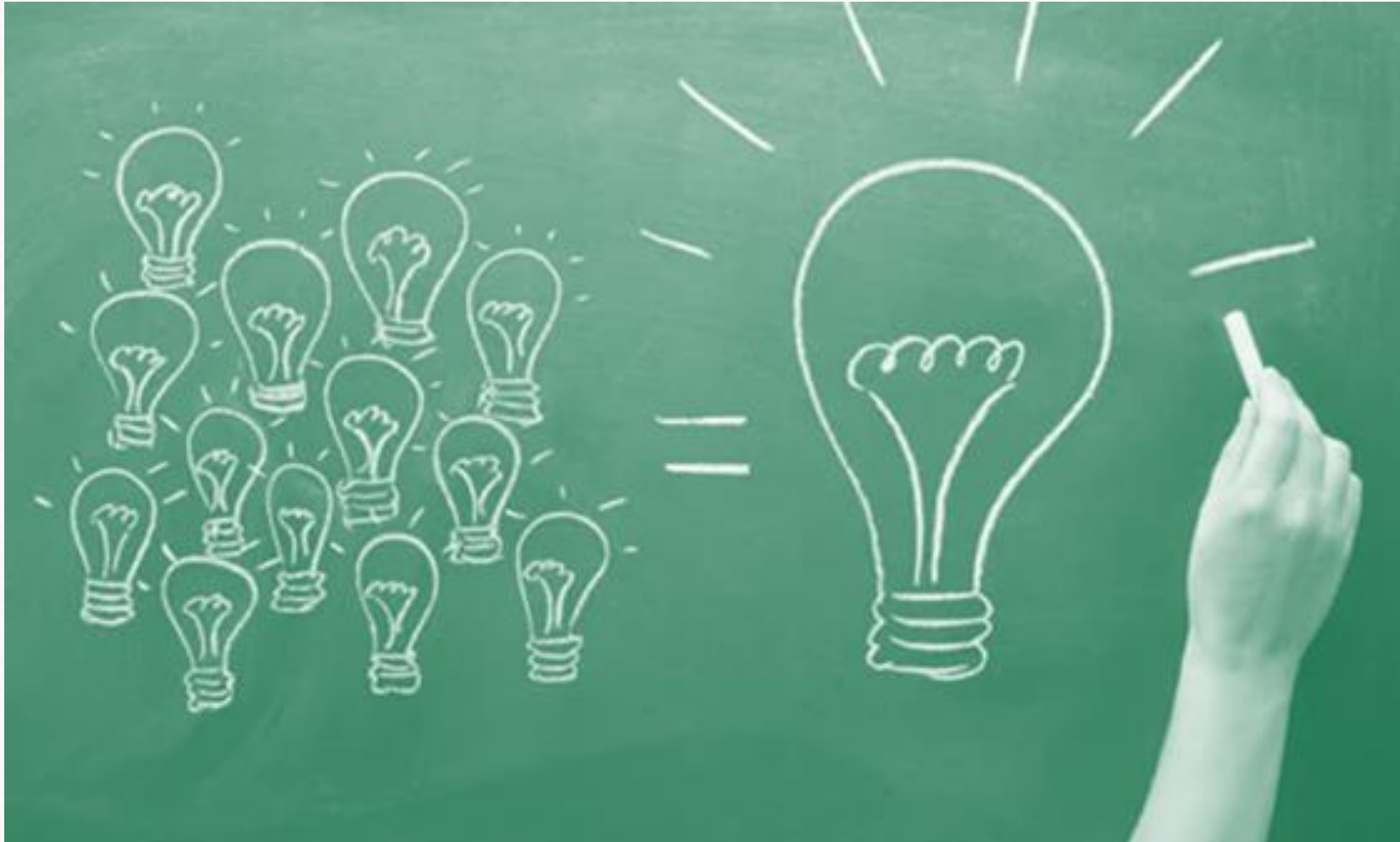
Alumni Affirmation

The techniques of FPS are similar to the techniques of the scientific method, so I felt I had a jump-start on my studies.

Arthur Mandelin

Northwestern University Feinberg School of Medicine:
Assistant professor of medicine and practicing physician

Step 6: The Action Plan



Action Plan

An action plan is a proposal for solving the UP.

- **Explain in detail** the *who, what, why, how, when and where* of the solution idea.
- **It should be a workable idea**
- It should have an impact on the Future Scene
- It should include new pathways and details
- Combining **UNRELATED** solution ideas are scored lower

Development of the Action Plan

This measures the degree to which the team describes its Action Plan.

- How and why will the solution idea solve the underlying problem?
- What will be done?
- Who will implement the plan?
- What is the timeline for implementation?
- What are the beneficial results?
- What is the plan for paying for implementation?
- Did the team consider possible problems?
- Has the team included all the affected stakeholders?

Scoring of the Action Plan

A score of “1” will be given on relevance, effectiveness and impact for action plans that are completely off target relative to the UP or the Future Scene.

- **Relevance**
- **Effectiveness**
- **Positive Impact**
- **Humaneness**
- **Criteria in development of Action Plan (new)**

Questions or Comments

If you have questions about the Washington Future Problem Solving Program, please email the Affiliate Director at jbuissinkwafps@gmail.com

Check out the wafps.org website for more information.

The End

