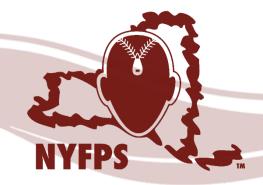**Formula** – **CP + S + KVP + P + FSP + ? = UP**

Tips – Consider the following helpful suggestions when writing your UP:

- Select a challenge from Step 1 that is important and core to the circumstances; if solved, would have a significant impact on the issues in the Future Scene.
- Write a CP which identifies the circumstance that drives situation in the Future Scene. It explains what the existing conditions are that you think need to be changed.
- The S and KVP states what you want to do. Start with '*How might we…*' or '*In what ways might we...*' to raise the question of addressing the circumstances of the CP. Identify an active verb that leads to positive action for the KVP. Try to avoid absolute verbs such as "stop", "prevent", or "eliminate". Although there are times when these might be necessary, but your Step 3 solutions would have to completely stop, prevent, or eliminate the problem which is unrealistic in most global issues. Your KVP should be a single verb.
- Choose a P which supports your KVP since it must explain the rationale behind why the action in the KVP must be carried out. The P starts with "*so that…*". You should have only one P; avoid including "*and*" in your KVP or P.
- Finally, conclude with a FSP which indicates the time or place if you haven't previously included them. FSP typically include "*and beyond*" after the time parameter to indicate a broader timeframe in which to solve your UP.

Sample UP – Since the Mars Expedition Project miners are only allowed to return to Earth for 7 days every two months, how might we assist the miners to overcome their inevitable homesickness so that they are able to settle into their new environment more quickly in 2070 and beyond?

Are you able to identify the CP, S, KVP, P, and FSP in the above Sample UP?

Key Terms Defined

Here are **Step 2: Underlying Problem (UP)**, key terms to know when structuring your UP:

- **CP: Conditional Phrase** = a description of the circumstances that has resulted in your selection of this UP.

- **S: Stem** = raises question of addressing the circumstances; "*How might we…*" or "*In what ways might we…*".

- **KVP: Key Verb Phrase** = an active key that declares intention in addressing the issue.

- **P: Purpose** = an explanation of why the action is required.

- **FSP: Future Scene Parameters** = ties the time setting of the Future Scene and highlights timeline of issues to be addressed.

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