**Coach Notes: Webinar Series for 2022 PP2 Water Supply**

This series of short webinars, written by Nicky Desoe, Deputy National Director of Future Problem Solving Program, is designed to help you coach your junior students through Water Supply.

Webinar 1 Working in teams

 Research

Webinar 2 Future Scene

 Problems and Challenges – Step 1

Webinar 3 Identifying an Underlying Problem – Step 2

Webinar 4 Solutions - Step 3

Webinar 5 Criteria – Step 4 and Step 5

Webinar 6 Action Plan – Step 6

**Webinar 2 Coach Notes**

***Webinar 2 -*** Unpacking the Future Scene – Read and reread, highlight, charge

 STEP 1 - brainstorming and writing PROBLEMS and CHALLENGES

**Resources referred to in webinar**

* FPS Category List
* GIPS Future Scene for Water Supply
* Flexibility Warm Up (slide 7)
* Category Worksheet (slide 13)

**Student Pre-work**

Read PP2 Future Scene – Water Supply

**Key Points of Webinar**

* Use the category list to broaden your thinking and encourage lateral thinking in identifying problems/challenges
* Consider what each category encapsulates. Delve into the Greek and Latin roots of these words
* Include warm up activities for using the category list
* What will these categories look like in the future e.g. Transportation?

**Activity**: Lateral Thinking – Flexibility Warm Up - Choose a colour (not green) and complete the table with ideas that you can connect to each category

Unpacking the future scene

* Highlight anything you think is a problem now or a potential problem in the future.
* Consider problems from different individual’s or groups’ perspectives
* Use the category list to get more of a variety of problem ideas
* Circle the three parameters of TOPIC, TIME and PLACE
* Note/highlight the charge in the last paragraph.

The Charge: When analysing the charge ask

* Who are “we”?
* What are we being asked to do?

***Analyse how SleepSync’s sleep replacement system may affect its users***

* Whom do we report to?

***Prospective users of SleepSync like Arya***

* What has changed? What is the same?
* Identify the vocabulary, new products, and trends specific to the Future Scene.
* Consider pertinent questions: Who is challenged, involved, or affected within the Future Scene?

**Activity**: Read and highlight/ mark the future scene to identify key points

**Activity**: Use Category List Worksheet slide 11 to have a team record their problem/challenge ideas

Writing a Problem

* Slide 12 outlines what information should be included in each written problem/challenge
* Slide 13 provides a well-structured scaffold for new teams to use to get them started

**More Suggestions for quality responses in step 1 provided in slide 17**

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**Key Concept of Webinar:**

Applying analytical thinking skills to unpack a future scene, using the category list to identify problems and challenges from the future scene and write quality problems responding to the future scene.

**Flexibility Warm Up**

|  |
| --- |
| **Topic:**  |
| **Idea** | **Category** |
|  | Arts & Aesthetics |
|  | Basic Needs |
|  | Business & Commerce |
|  | Communication |
|  | Defence |
|  | Economics |
|  | Education |
|  | Environmental |
|  | Ethics & Religion |
|  | Government & Politics |
|  | Law & Justice |
|  | Physical Health |
|  | Psychological Health |
|  | Recreation |
|  | Social Relationships |
|  | Technology |
|  | Transportation |
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**Category List Worksheet**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **FS Link** | **Problem** | **Effect/Result** | **Category** | **Research** |
| **1** |  |  |  |  |  |
| **2** |  |  |  |  |  |
| **3** |  |  |  |  |  |
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| **12** |  |  |  |  |  |
| **13** |  |  |  |  |  |
| **14** |  |  |  |  |  |
| **15** |  |  |  |  |  |
| **16** |  |  |  |  |  |