**Parent Education Resource Package for Primary Schools**

**Teaching children to be active learners:**

**How to support children in acquiring the generic skills for the 21st century?**

**Worksheet on Problem Solving Exercise**

**Objective:** To help parents understand how to solve problems with the “**Four Steps to Problem Solving”**

**Activity Duration:** About 10 minutes

**Instructions:**

The four steps to problem solving include:

1. **Define the problem:** What is the current problem?
2. **Seek solutions:** How can this problem be solved? Are there any other ways?
3. **Envision the consequences:** What are the advantages and disadvantages of the first solution? What will happen if this solution is applied? What are the advantages and disadvantages of the second solution? What will happen if this solution is applied? What are the advantages and disadvantages of the third solution...
4. **Make a decision:** Choose the solution with the most advantages and least disadvantages and try to implement it.

Use the “**Four Steps to Problem Solving”** to help children solve the following problem:

Your child needs to give a group presentation, but the other group members all seem too “lazy” and reluctant to do it. Your child feels very annoyed because he doesn’t want to do everything alone but is worried that the whole group will receive zero marks if he doesn’t do it.

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| Step 1:  **Define the problem** |  |
| Step 2:  **Seek solutions** | Solution 1:  Solution 2:  Solution 3: |
| Step 3:  **Envision the consequences** | |  |  |  | | --- | --- | --- | |  | Advantages | Disadvantages | | Solution 1 |  |  | | Solution 2 |  |  | | Solution 3 |  |  | |
| Step 4:  **Make a decision** |  |