Applying Computational Thinking

Instructions

- Work through each section. There are no right or wrong answers. Think like a computer scientist about any problem in your domain.
- Please write in details in the boxes provided.
- Do not use AI for responses.

Your Details

Participant Name :

Designation:

Grade/Level:

Topic for CT Activity

Subject:

Choose the nature of your activity

☐ Plugged ☐ UnPlugged

Describe your CT Activity

What is the intended learning outcome of the activity?

How will students take up this activity (grouped or individual)?

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Describe your CT Activity Stage wise

Decomposition

Abstraction

Pattern Recognition

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Algorithm Design

Test & Debug

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Pedagogical reasoning and reflection

What materials or resources will be required? and How much class time will this activity require?

At what stage of learning process will you use computational thinking activity?

Will you provide scaffolding during the activity? if yes, write the strategies and questions.

Specify why you find the topic suitable for the computational thinking activity.

How confident are you that you could use this activity in your actual classrooms?

- [ ] Very Confident
- [ ] Confident
- [ ] Somewhat Confident
- [ ] not Confident

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