

2.1 Module: Changes*Unit: Turning over a New Leaf*

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Creative Thinking Tool

S.C.A.M.P.E.R. techniques*

Activity Description***Part A: Super Alarm Clock***

Pupils design a Super Alarm Clock to prevent them from being late in the new school year using the S.C.A.M.P.E.R. techniques and write descriptions about it.

Part B: A New Invention

Pupils are asked to set another goal for the new school year. They use the S.C.A.M.P.E.R. techniques to design a new invention to help them achieve the goal.

* Please refer to Chapter 1 for the introduction to the S.C.A.M.P.E.R. techniques and other creative thinking tools.

Materials

- LT 2.1.1 – LT 2.1.5
- An alarm clock

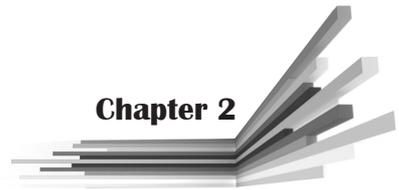
Procedures***Part A: Super Alarm Clock***

1. Introduce the context – Pupils are going to set goals for the new school year and they will design new inventions to help them achieve the goals.
2. Show pupils an ordinary alarm clock and ask questions to activate their knowledge (e.g. What does the alarm clock look like? How does it tell the time? How does it wake you up?).
-  3. Ask pupils to imagine that they are always late for school. They have to design a Super Alarm Clock to wake them up so that they will not be late in the new school year. Ask them to think about the clock in their mind in the Super Alarm Clock S.C.A.M.P.E.R. activity (LT 2.1.1).
4. Introduce the S.C.A.M.P.E.R. techniques to pupils to explain how they can come up with new ideas (LT 2.1.2).

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Chapter 2



-  5. Have pupils draw their own Super Alarm Clock and write briefly about its look, size, shape, sound or functions (LT 2.1.3). Put up some useful phrases on the board for reference (LT 2.1.5). Ask pupils to tick the S.C.A.M.P.E.R. techniques they have used.
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6. Invite some pupils to present their Super Alarm Clock to the class and ask other pupils to give feedback.

Part B: A New Invention

1. Tell pupils to set another goal for the new school year using the structure, “I want to ... so ...” (LT 2.1.4).

-  2. Ask them to use the S.C.A.M.P.E.R. techniques to create a new invention that can help them achieve the goal. They should draw the new invention and write descriptions about it (LT 2.1.4).
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3. Invite some pupils to present their invention to the class and ask other pupils to give feedback and suggestions on how to further improve the invention.