

# Activity Worksheet

Challenging brain

Sub : Science

Grade: X

Date: .....

Name: .....

ID No.....

## If I Was A... ? Worksheet

Pretend you are a box type solar cooker for the remaining questions.

1. What kind of mirror—concave, convex or plane—  
would be best suited for you? Why?  
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2. A student constructed your model. She used a transparent plastic sheet to cover the open part of the model. She found that her cooker does not work well. What modification should she make to enhance the model's efficiency so that it works like you?  
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3. Are there places where you would have limited utility?  
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4. Mention any two limitations of using you.  
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5. Explain why you are painted black from inside.  
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