SCOL

Comment



MAD Target

A2L

Divergent thinking is a thought process or method used to generate creative ideas by exploring as many *possible solutions to a* problem as possible, no matter how weird o wacky. Divergent thinking leads to creativity On some problems you have attempted this, good effort, on others you have explored obvious answers

Your alternative criteria is **general and lacking**

- Do solar panels have to bolt onto the roof?
- Do solar panels have to have one function?
 - Do solar panels have to be a rectangular shape?

Research how you can improve the aesthetics of solar panels and incorporate / disguise them in your design. Start with solar panel roads!

SAS

MAD Target

A2L

Your alternative criteria is **general and lacking in an** Sometimes to solve a problem we need to remove a mental (and unnecessary)

constriction. Removing the assumption we initially imposed on ourselves

Do solar panels have to have one function? Do solar panels have to be a rectangular shape?

- Do solar panels have to bolt onto the roof?
- Do solar panels have to have one function?
- Do solar panels have to be a rectangular shape?

Research how you can improve the aesthetics of solar panels and incorporate / disguise them in your design. Start with solar panel roads!

SCOL



A2L

Comment

You have shown that lateral thinking

(Divergent Thinking) is the ability to think

creatively, or "outside the box" you have

been able to use inspiration and imagination

to *solve problems* by looking at them from

unexpected perspectives. I like the way you

have explored the aesthetics of solar panels

and explored the possibility of *making them*

look like trees. Very good.

Divergent thinking is: The ability to see lots of different answers. The ability to see lots of ways to interpret a question. The ability to "think outside the box." How can we do this when designing? Firstly we can look at the task or question and try to interpret it differently. Don't set out to try and come up with the one obvious answer. Good attempt.

MAD Target ou have explored alternative criteria for improving the aesthetics of solar panels. Research how you can improve the function of solar panels and incorporate disguise them in your design.

Start with solar panel fence panels........

What else can you turn solar panels into? If you cant find any information, you may have found a gap in the market and a solution to a problem.

SCOL

Comment

regardless. Why?

inspiration for another idea.

SCOL

Comment

SA S

MAD Target

A2L

You have explored alternative criteria for improving If you write down or draw an idea and you the aesthetics of solar panels. Research how you can don't thinks that it is a good idea, then you improve the function of rainwater collectors and should still present it in your paper work incorporate, disguise them in your design.

Start with solar panel furniture.......

It shows development of ideas = Higher Marks What else can you turn solar panels into? If you cant find any information, you may have found a gap in the market and a solution to a problem.

SCOL

Comment



A2L

MAD Target

You have used 3 alternative points in your creative mind map. You now need to expand each alternative branch with at least 5 options or more.

Research how you can improve the aesthetics of solar panels and incorporate / disguise them in your design. Look at what could be replaced on your house, or where they could be disguised or integrated as part of the design (fences?).

SCOL



A2L

Comment

Divergent thinking (lateral thinking) is the ability to solve a problem way beyond the obvious.

Elements/Parts of that "Bad" idea may spark

You leaving behind traditional modes of thought, and throw away preconceptions. MAD Target

You have used 4 alternative points in your creative mind map. You now need to expand each alternative branch with at least 5 options or more.

Research how you can improve the aesthetics of solar panels and incorporate / disguise them in your design. Look at what could be replaced on your house, or where they could be disguised or integrated as part of the design (fences?).

SCOL

Comment



A2L

MAD Target

Lateral thinking involves *discarding the* obvious, leaving behind traditional modes of thought, and **throw away preconceptions**. Do solar panels have to bolt onto the roof? Do solar panels have to have one function? Do solar panels have to be a rectangular **shape?** You have explored some of these

options in your mind-map. Excellent.

You have successfully explored 3 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 4th option:

How can you capture kinetic energy from peoples movement and steps to generate electricity?

SCOL



MAD Target

A2L

Comment

Divergent thinking (lateral thinking) allows you t look at a problem from a new angle or perspective.

If you think of an idea and you don't thinks that it Research a 4th option: is a good idea as you cant find any research information, then you should still present as yo nay have found a potential gap in the market.

You have successfully explored 3 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

How can you capture kinetic energy from peoples movement and steps to generate electricity?

SCOL

Comment

A2L

MAD Target Your alternative criteria is **general and lacking in**

Divergent thinking is a thought process or method used to generate creative ideas by exploring as many possible solutions to a problem as possible, no matter how weird of wacky. Divergent thinking leads to creativity On some problems you have attempted this, good effort, on others you have explored

MAD Target our alternative criteria is general and lacking in ıny detail.

Do wind turbines have to be separate to the house? Do wind turbines have to have one function? Do wind turbines have to be the shape and size they are?

Research how you can improve the aesthetics of wind turbines and incorporate / disguise them in your design. Start with wind turbine fences!

Comment

rectangular shape?

SCOL

Sometimes to solve a problem we need to remove a mental (and unnecessary) constriction. Removing the assumption we initially imposed on ourselves Do wind turbines have to have one function? Do wind turbines have to be a

Do wind turbines have to be separate to the house? Do wind turbines have to have one function? Do wind turbines have to be the shape and size they are?

Research how you can improve the aesthetics of wind turbines and incorporate / disguise them in your design. Start with wind turbine fences:

SCOL

A2L

MAD Target

Comment

obvious answers

Divergent thinking is: The ability to see lots of different answers. The ability to see lots of ways to interpret a question. The ability to "think outside the box." How can we do this when designing? Firstly we can look at the task or question and *try to interpret it* differently. Don't set out to try and come up with the one obvious answer.

You have explored alternative criteria for improving the aesthetics of wind turbines. Research how you can improve the function of wind turbines and

Start with wind turbine trees........

incorporate / disguise them in your design.

What else can you turn wind turbines into? If you cant find any information, you may have found a gap in the market and a solution to a problem.

SCOL

Comment

MAD Target

A2L

A2L

If you write down or draw an idea and you don't thinks that it is a good idea, then you should still present it in your paper work regardless. Why?

It shows development of ideas = Higher Marks Elements/Parts of that "Bad" idea may spark inspiration for another idea.

You have explored alternative criteria for improving the aesthetics of wind turbines. Research how you can improve the function of wind turbines and incorporate / disguise them in your design.

Start with wind turbine trees.......

What else can you turn wind turbines into? If you cant find any information, you may have found a gap in the market and a solution to a problem.

SCOL



A2L

SCOL

SAS

SAS

any detail.

A2L

Comment

You have shown that lateral thinking (Divergent Thinking) is the ability to think creatively, or "outside the box" you have been able to use inspiration and imagination to **solve problems** by looking at them from unexpected perspectives. I like the way you have explored the aesthetics of wind turbines and explored the possibility of *making them* look like trees. Very good.

MAD Target

You have used 3 alternative points in your creative mind map. You now need to expand each alternative branch with at least 5 options or more

Research how you can improve the aesthetics of wind turbines and incorporate / disguise them in your design. Look at what could be replaced on our house as wind turbines, or where they could

Comment

MAD Target

Divergent thinking (lateral thinking) is the ability to solve a problem way beyond the obvious.

You leaving behind traditional modes of thought, and throw away preconceptions

You have used **4 alternative points** in your creative mind map. You now need to expand each alternative branch with at least 5 options or more

Research how you can improve the aesthetics of wind turbines and incorporate / disguise them in your design. Look at what could be replaced on your house as wind turbines, or where they could be disguised.

SCOL



MAD Target

A2L

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines, rain water collectors and one sustainable feature of your own choice.....

Research a 5th option:

How can you capture kinetic energy from peoples movement and steps to generate

SCOL





A2L

Comment

Lateral thinking involves discarding the obvious, leaving behind traditional modes of thought, and throw away preconceptions. Do solar panels have to bolt onto the roof? Do wind turbines have to be separate to the house? Do wind turbines have to have one function? Do wind turbines have to be the shape and size they are? You have explored some of these options in your mind-map. Good. "electricity?

Comment

Divergent thinking (lateral thinking) allows you t look at a problem from a new angle or perspective.

If you think of an idea and you don't thinks that is a good idea as you cant find any research information, then you should still present as yo ay have found a potential gap in the market.

MAD Target

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines, rain water collectors and one sustainable feature of your own choice.....

Research a 5th option:

How can you capture kinetic energy from peoples movement and steps to generate electricity?

A2LSCOL

Comment

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MAD Target

Your alternative criteria is **general and lacking in any**

Do rainwater collectors have to be a barrel? Do rainwater collectors have to have one function?

Research how you can improve the aesthetics of rainwater collectors and incorporate / disguise them in your design. Start with a rainwater collector can

SCOL

Comment

A2L

MAD Target our alternative criteria is **general and lacking in an**y our alternative criteria is **general and lacking ir**

Do rainwater collectors have to be a barrel? Do rainwater collectors have to have one function?

function? Do they have to be a round barrel Research how you can improve the aesthetics of collectors and incorporate / disguise them in your design. Start with a rainwater collector can

SCOL

Comment



A2L

MAD Target

Divergent thinking is: The ability to see lots of different answers. The ability to see lots of ways to interpret a question. The ability to "think outside the box." How can we do this when designing? Firstly we can look at the task or question and try to interpret it differently. Don't set out to try and come up

ou have explored alternative criteria for improving the aesthetics of rainwater collectors. Research how you can improve the function of them and incorporate, disguise them in your design.

Start with rainwater collector furniture.....

What else can you turn rainwater collectors into? If you cant find any information, you may have found a with the one obvious answer. Good attempt. I gap in the market and a solution to a problem.

SCOL

shape?

Comment

If you write down or draw an idea and you don't thinks that it is a good idea, then you should still present it in your paper work regardless. Why?

Sometimes to solve a problem we need to

constriction. Removing the assumption we

Do rainwater collectors have to have one

remove a mental (and unnecessary)

initially imposed on ourselves

It shows development of ideas = Higher Mark Elements/Parts of that "Bad" idea may spark nspiration for another idea.

A2L

MAD Target

You have explored alternative criteria for improving the aesthetics of solar panels. Research how you can improve the function of rainwater collectors and incorporate, disguise them in your design.

Start with rainwater furniture.......

What else can you turn rainwater collectors into? If you cant find any information, you may have found a gap in the market and a solution to a problem.

SCOL

Comment



A2L

MAD Target

You have shown that lateral thinking (Divergent Thinking) is the ability to think *creatively, or "outside the box"* you have

been able to use inspiration and imagination to **solve problems** by looking at them from unexpected perspectives. I like the way you have explored the aesthetics of rainwater collectors and explored the possibility of king them look like furniture. Very good.

You have used 3 alternative points in your creative mind map. You now need to expand each alternative branch with at least 5 options or more.

Research how you can improve the aesthetics of rainwater collectors and incorporate / disguise them in your design. Look at what could be replaced on your house as rainwater collectors, or where they could be disguised.

SCOL



SA

A2L

Comment

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You leaving behind traditional modes of thought, and throw away preconceptions.

MAD Target You have used 4 alternative points in your creative

mind map. You now need to expand each alternative branch with at least 5 options or more.

Research how you can improve the aesthetics of rainwater collectors and incorporate / disguise them in your design. Look at what could be replaced on your house as rainwater collectors, or where they could be disquised.

SCOL



A2L

MAD Target

Comment

Lateral thinking involves *discarding the* obvious, leaving behind traditional modes of thought, and throw away preconceptions. Do solar panels have to bolt onto the roof? Do rainwater collectors have to have one function? Do rainwater collectors have to be a barrel shape? You have explored some of these options in your mind-map. Excellent.

You have successfully explored 3 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 4th option:

How can you capture kinetic energy from peoples movement and steps to generate electricity?

SCOL



A2L

MAD Target

Comment

Divergent thinking (lateral thinking) allows you to You have successfully explored 3 alternative points in look at a problem from a new angle or perspective.

If you think of an idea and you don't thinks that it Research a 4th option: is a good idea as you cant find any research information, then you should still present as you How can you capture kinetic energy from peoples nay have found a potential gap in the market. | movement and steps to generate electricity?

your creative mind map. Solar panels, wind turbines and rain water collectors

Positive Comments / Diagnostic Targets: Divergent Thinking

A2L SCOL SA MAD Target Comment

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You have successfully explored 3 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 4th option:

How can you capture kinetic energy from peoples movement and steps to generate electricity?

Comment

SCOL

SAS

MAD Target

A2L

You have successfully explored 3 alternative points

Research a 4th option:

and rain water collectors

How can you capture kinetic energy from peoples movement and steps to generate electricity?

your creative mind map. Solar panels, wind turbines

SCOL

Comment

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MAD Target

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 5th option:

How can you use green algae to generate l electricity?

SCOL

Comment

If you write down or draw an idea and you should still present it in your paper work

Elements/Parts of that "Bad" idea may spark inspiration for another idea.

A2L

MAD Target

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You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 5th option:

How can you use green algae to generate electricity?

SCOL

Comment

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A2L

A2L

MAD Target

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 5th option:

SA

How can you use green water to generate electricity?

SCOL

Comment



SA

A2L

MAD Target

Divergent thinking (lateral thinking) is the ability to solve a problem way beyond the obvious.

You leaving behind traditional modes of thought, and throw away preconceptions

You have successfully explored 4 alternative points i your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 5th option:

How can you use water to generate electricity?

SCOL

Comment

Lateral thinking involves discarding th obvious, leaving behind traditional modes of thought, and throw away preconceptions. Do solar panels have to bolt onto the roof? Do wind turbines have to be separate to the house? Do wind turbines have to have one function? Do wind turbines have to be the shape and size they are? You have explored ome of these options in your mind-map. Good. A2L

MAD Target

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines and rain water collectors

Research a 5th option:

How can you harness geothermal energy?

SCOL



A2L

MAD Target

Comment

Divergent thinking (lateral thinking) allows you to look at a problem from a new angle or <u>perspective.</u>

If you think of an idea and you don't thinks that is a good idea as you cant find any research information, then you should still present as yo ay have found a potential gap in the market.

You have successfully explored 4 alternative points in your creative mind map. Solar panels, wind turbines

and rain water collectors

Research a 5th option:

How can you harness geothermal energy?