

RESEARCH TIPS and TRICKS

How can you identify a reliable source?
How do you cite your research in the correct format?

GOOD LUCK!

Environmental Issues:

Global warming is a major environmental issue. It is caused by the greenhouse effect, which is the trapping of heat by the atmosphere. This leads to a rise in global temperatures, which can cause a range of problems, including melting glaciers, rising sea levels, and more frequent extreme weather events. Other environmental issues include deforestation, air pollution, and water pollution.

Environmental Effects

Environmental effects are the changes in the natural world that are caused by human activities. These effects can be both positive and negative. Positive effects include the creation of new habitats and the improvement of air and water quality. Negative effects include global warming, deforestation, and the loss of biodiversity.

Effects Continued...

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Addiction



<http://www.addictionhelp.org/basics/what-is-addiction/>

Problem/Solution Essay Basics



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THE CASE SOLUTIONS

IMPROVE
Your essay should include a clear thesis statement, a strong topic sentence, and a well-developed argument. Use evidence to support your claims and make sure your writing is clear and concise.

THE CASE SOLUTIONS

Use the table below to identify the main problem and solution in each case. Then, use the evidence provided to support your argument. Make sure your writing is clear and concise, and use evidence to support your claims.

Paragraph 1

Write your introduction paragraph. This is the first paragraph of your essay and should include your thesis statement. Make sure your writing is clear and concise, and use evidence to support your claims.

Paragraph 2

Write your second paragraph. This paragraph should focus on the first main point of your argument. Use evidence to support your claims and make sure your writing is clear and concise.

The Hormone Therapy Controversy: What Makes Reliable Evidence

ASSESSMENT

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Environmental Effects

Environmental effects are the changes in the natural world that are caused by human activities. These effects can be both direct and indirect. Direct effects include things like air and water pollution, deforestation, and global warming. Indirect effects include things like changes in the food chain and the loss of biodiversity.

Effects Continued...

Global warming is a major environmental issue. It is caused by the greenhouse effect, which is the trapping of heat by the atmosphere. This leads to a rise in global temperatures, which can cause a range of problems, including melting glaciers, rising sea levels, and more frequent and severe weather events. Other environmental issues include deforestation, air pollution, and water pollution.

Addiction



Problem/Solution Essay Basics



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THE CASESOLUTIONS
Your essay should include a...
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Paragraph 1
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Paragraph 2
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Paragraph 3
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PRO TIP: ALWAYS FOLLOW THE CRITERIA:
7-8 The student is able to:
1. describe the ways in which science is applied and used to address a specific problem or issue
2. discuss and analyze the implications of using science and its application to solve a specific problem or issue, including any factors
3. consistently apply scientific language to communicate understanding clearly and precisely
4. document sources completely.

The Hormone Therapy Controversy: What Makes Reliable Evidence

ASSESSMENT



**Addiction... It can happen to... ANYONE...
ANYWHERE!**

it is your mission,

to identify and explain a specific form of addiction, and

SAVE THE WORLD

**by researching the most effective current treatment for your chosen
type of addiction... and destroy it,
before it's too late**

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Problem/Solution Essay Basics

What's a Problem/Solution Essay?

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When there's a problem, there is usually a corresponding solution, and even when there's not a clear solution, there are generally people arguing over which solution is best



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The Impacts of Science:		Thecasesolutions.com	
Solving the Problem Give a detailed account		Implications Offer a balanced review clearly supported by evidence	
The problem addressed (Scientific description) *identify the problem (<i>type of addiction</i>) *DO RESEARCH WHILE FILLING THIS OUT! *include a detailed scientific explanation! <i>-Emphasize how this particular addiction affects the Nervous and/or endocrine system physically or psychologically</i> (Include Stats, Data and record all your sources so you can cite them later)	The way science addresses the problem (Scientific description) THIS IS YOUR MOST EFFECTIVE TREATMENT (solution to your problem) (Fill in after Researching all currently known treatments) Explain how your chosen treatment works in simple terms referring to the concepts and vocabulary we talked about in class (Use the KISS method)	The factor your 'one world' factor goes h	
		Positives How your treatment/factor will impact the factor/treatment in a positive way	Negative How your treatment impact the factor/treatment in a negative way
Evidence this comes from research and needs to properly cited!		Evidence	
Conclusion Summarize your essay by re-stating why your treatment is most effective curing your chosen form of addict			

What's a Problem/Solution Essay?

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When there's a problem, there is usually a corresponding solution, and even when there's not a clear solution, there are generally people arguing over which solution is best

problem: I'm running out of rope

solution: ?





FIRST STEP:

**Organize your thoughts
with PRE-Writing!**

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The Impacts of Science:

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Solving the Problem

Give a detailed account

Implications

Offer a balanced review clearly supported by evidence

The problem addressed
(Scientific description)

***identify the problem**
(*type of addiction*)

***DO RESEARCH**
WHILE FILLING
THIS OUT!

***include a detailed**
scientific explanation!
-Emphasize how this
particular addiction
affects the Nervous and/
or endocrine system
physically or
psychologically

(Include Stats, Data
and record all your
sources so you can
cite them later)

The way science
addresses the problem
(Scientific description)

THIS IS YOUR
MOST EFFECTIVE
TREATMENT (solution to
your problem)

(Fill in after
Researching all
currently known
treatments)

Explain how your chosen
treatment works in
simple terms referring to
the concepts and
vocabulary we talked
about in class

(Use the KISS method)

The factor

your 'one world' factor goes here

Positives

How your treatment/factor
will impact the factor/treatment
in a positive way

Negatives

How your treatment/factor might
impact the factor/treatment in a
negative way

Evidence

**this comes from research and needs to be
properly cited!**

Evidence

Conclusion

Summarize your essay by re-stating
why your treatment is most effective at
curing your chosen form of addiction

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IMPORTANT:

Your essay should include a minimum of 4 paragraphs!

Paragraph 1

- Choose a type of addiction to investigate:
for ideas--- <http://addictions.about.com/>
- Explain what population it primarily affects,
 - Who's most at risk?
- discuss it's symptoms/warning signs
- talk about the dangers/risk factors
- **Explain how the brain is physically or psychologically altered in people with this addiction**
- Discuss how serious the problem is
 - how many people die/go to jail/ruin their lives as a result of this addiction?
- introduce your number one treatment which will be the focus of the rest of your essay

Paragraph 2

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- This is the MAIN BODY of your Essay.
- This is where you use the results of your research to **DESCRIBE THE MOST EFFECTIVE TREATMENT!**
- Make logical arguments that are backed with **scientific evidence from RELIABLE SOURCES!**
 - **Always cite those sources!**
- **Explain how the treatment works** *with reference to the way the nervous system/endocrine system function*
 - *(in simple terms please!)*
- **Describe any side effects of the treatment**
- **discuss how effective this treatment is**
- **how many people currently benefit from this treatment?**
- **why is this treatment sometimes ineffective in certain cases?**