

Group A - describing the effects of Hurricane Katrina

1. Fill in the missing gaps. Use the word box below to help.

The effects of Hurricane Katrina included: palm trees being flattened and escaping into the Everglades. Additionally, the flood waters reached feet high! In contrast, the human effects were that people and houses were completely A lot of people couldn't evacuate and had no choice but to be in the Superdome for A lot of people took advantage of the fact that no police were around and were from the shops.

Word box:	snakes	days	physical
died	looting	18	destroyed

2. Stretch yourself - can you put the following effects into the correct category?

Clue: there's one physical effect and three human...

Effects:

- sharks and alligators were seen in the flood water
- the airport had to close
- it cost a lot of money to repair
- the electricity went off.

Physical effects - anything that affects the natural landscape or animals	Human effects - anything that affects people or man-made items
1.	1.
	2.
	3.

Group A - exam question

Using the figures (images) below describe the effects of the hurricane.

(4 marks)

A



B



C



Tips

- Use the letters to show which image you are describing, e.g. In figure A I can see...
- Use adjectives to emphasise the point you are making.
- Make sure each image is described in detail, using full sentences.

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Group B - categorising the effects of Hurricane Katrina

1. Sort the effects into whether they affect people or anything man-made (human) or the natural landscape and animals (physical)

Effects: <ul style="list-style-type: none"> • people died • snakes escaped into the Everglades • water became dirty with sewage • cars were swept away • houses were destroyed • palm trees were knocked down. 	
Physical effects - anything that affects the natural landscape or animals	Human effects - anything that affects people or man-made items
Empty space for physical effects	Empty space for human effects




2. Stretch yourself - could you explain the impact of these effects?
Use the example below to help...

People died...	therefore...	many families were left devastated having lost their loved ones.

Group B - exam question

Using the figures and your own knowledge describe the effects of hurricanes.

(6 marks)

A	B
	
C	Tips
	<ul style="list-style-type: none">• You must use both the image and your own knowledge from what we have learned about hurricanes.• Sentence starters such as “from image A I can see that...” and then “from my own knowledge I know that...”• Effects should always be categorised at least once, i.e. into physical and human effects if you want to get 6/6.
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Group C - improving developed points about the effects of Hurricane Katrina

1. Explain, using developed points, the physical and human effects of Hurricane Katrina. Use a connective to join the effect with its impact.

Physical effect - anything that affects the natural landscape (animals/vegetation)	Connective	What impact will this have?
Palm trees flattened by the 140 mph winds	therefore	this means there is a loss of habitats for birds
Flooding reached 18 ft high in some places		
Water supplies were contaminated with sewage		
Human effect - anything that affects man-made items and people e.g. roads/railways		
1800 people died		
The cost of the damage was \$108 billion		
Louis Armstrong International Airport closed		
The levees breached in 50 places		
800000 houses were destroyed		

2. Stretch yourself - Pick an effect and say whether it is physical or human and then double develop your point!

Effect of Hurricane Katrina		What impact did it cause?		Then what happened?
	therefore... →		resulting in... →	

Group C - exam question

Explain the effects of an extreme weather event you have studied.

(6 marks)

Tips:

- An extreme weather event you have studied - we have studied Hurricane Katrina!
- Explain means you need to develop your points, e.g. palm trees were flattened **therefore** many birds lost their habitats.
- Use facts to support the points you make.
- For all 'effects' exam questions you should categorise at least once, e.g. a physical effect of Hurricane Katrina is that palm trees were flattened therefore many birds lost their habitats.
- Always add a conclusion to longer answers summing up the worst physical and human effects.

An extreme weather event I have studied is...

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The physical effects of the hurricane were...

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The human effects of the hurricane were...

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In conclusion the worst physical effect wasbecause...

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The worst human effect was because...

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Group D - double categorising the effects of Hurricane Katrina

1. Sort the effects into whether they are physical and human but also primary and secondary. Remember to use a variety of connectives to help you develop your points.

<p>Primary physical effect (anything caused directly by the hurricane)</p>	<p>Secondary physical effect (as a result of the primary effect)</p>
<p>E.g. Palm trees flattened by the 140 mph winds.</p>	<p>Loss of habitat for birds therefore they may migrate elsewhere.</p>
<p>Primary human effect</p>	<p>Secondary human effect</p>
<p>E.g. 1800 people died, many drowning in the storm surge.</p>	<p>Families grieved for loved ones so they may have to go to counselling.</p>
<p>Effects box:</p>	<p>Some potential connectives...</p>
<ul style="list-style-type: none"> • cost of the damage was \$108 billion • Louis Armstrong New Orleans International Airport closed to flights • the levees breached in 50 places • flooding reached 18 ft high in some places • 800000 houses were destroyed • water supplies were contaminated with sewage. <p>Can you add any of your own?</p>	<ul style="list-style-type: none"> • therefore • consequently • as a result of • this causes • this results in • because of this

2. Stretch yourself - rank the effects and justify why your top choice was the worst.

Group D - exam question

“The human effects of an extreme weather event are far more serious than physical ones.” To what extent do you agree with this statement?

(9 marks)

<p>Introduce the extreme weather event: What was it called? Where did it happen? When did it happen? What category was it on the Saffir-Simpson scale? Do you completely agree with the statement? Partially agree? Totally disagree?</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Paragraph 1 Human effects are serious....</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Paragraph 2 Physical effects can also have a serious impact...</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>
<p>Conclusion Which is the worst - human or physical? Why? Justify the points you make by re-using your best facts.</p>	<p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>

Teacher notes and self-assessment grids

- These activities have been differentiated into four groups.
 - Group A is for those students who need very structured activities and lots of guidance.
 - Group D is for those higher achieving students who need extending to achieve top marks.
- These self-assessment grids can be printed off and cut out according to how many students you have attempting each differentiated question.

WWW	Group A	EBI
	Each image is described	
	Uses sentence starters such as “from image A I can see”	
	Multiple points made from each image	
	Categorises into physical and human effects	

WWW	Group B	EBI
	Each image is described	
	Uses sentence starters such as “from image A I can see” and “from my own knowledge I know that...”	
	Multiple points made from each image	
	Multiple points made from your own knowledge	
	Categorises into physical and human effects	
	Double categorises into primary and secondary effects	

WWW	Group C	EBI
	Introduces the extreme weather event - where did it happen? When? What category storm was it?	
	Categorises into physical and human effects	
	Uses facts to support the points you make	
	Uses connectives to develop your points	
	Double categorises into primary and secondary effects	
	Adds a conclusion to summarise the worst effects	

WWW	Group D	EBI
	Introduces the extreme weather event - where did it happen? When? What category storm was it?	
	Argument is clear in the introduction	
	Categorises correctly into physical and human effects	
	Uses facts to support the points you make	
	Uses connectives to develop your points	
	Uses PEEL paragraphs	
	Adds a conclusion to summarise the main points	