

# The Day After Tomorrow Worksheet Answers



Name \_\_\_\_\_

Answer these questions BEFORE watching the film; you will need to look for the answers on the Internet.

1. Where is the Larson Ice Sheet? **Antarctic Peninsula on the eastern side**
2. What catastrophic event happened to the sheet in 2002? **It collapsed and fractured**
3. What might this event indicate? **Global warming/global evacuation**
4. What is the North Atlantic Current?  
**A powerful warm western boundary current within the Atlantic Ocean**
5. The North Atlantic Current is said to be driven by 'thermohaline circulation'. What does that mean?  
**It means the ocean-current are driven by differences in the water's density, which is controlled by temperature and salinity.**
6. What does NOAA stand for?  
**National Oceanic and Atmospheric Administration**
7. What kind of work does NOAA do?  
**Daily weather forecast, climate monitoring to fisheries, supporting marine commerce.**
8. Use the NOAA website ([www.noaa.gov](http://www.noaa.gov)) to find the current temperature of the ocean in South Portland, Maine. (hint: click on the little blue Oceans icon on the right, then scroll down a bit and click on Buoys)  
**58F**
9. What is the *troposphere*? **The lowest layer of the Earth, weather occurs**
10. What temperature is the air in the *troposphere*?  
**62 F(17 C) to -60 F (-51 C)**

The day after tomorrow worksheet answers are essential resources for students and educators looking to enhance their understanding of the concepts presented in the popular film "The Day After Tomorrow." This film, a disaster thriller directed by Roland Emmerich, explores themes of climate change, natural disasters, and human resilience. In the context of educational materials, worksheets often accompany the viewing of such films to facilitate discussion, comprehension, and critical thinking. In this article, we will delve into the various aspects of worksheets associated with "The Day After Tomorrow," their answers, and how they contribute to the learning experience.

## Understanding the Context of the Film

Before we dive into the specifics of the worksheets and their answers, it is crucial to understand the context of "The Day After Tomorrow." The film's

plot revolves around a series of extreme weather events triggered by climate change, leading to a new ice age.

## **Key Themes and Messages**

1. **Climate Change:** The film dramatizes the potential impacts of global warming and the urgent need for action.
2. **Human Survival:** It showcases the resilience of the human spirit in the face of catastrophic events.
3. **Scientific Responsibility:** It highlights the importance of scientific research and the need for policymakers to heed scientific warnings.

## **Characters and Their Roles**

- **Jack Hall:** A paleoclimatologist who attempts to warn the world about the impending disaster.
- **Sam Hall:** Jack's son, who becomes trapped in New York City amidst the chaos.
- **Laura Chapman:** A colleague of Jack's who helps him navigate the crisis.
- **Other characters:** Various supporting roles that depict the struggle for survival.

## **The Importance of Worksheets**

Worksheets serve multiple purposes in an educational setting, especially when studying a film like "The Day After Tomorrow." They help reinforce learning, encourage critical thinking, and promote discussion among students.

## **Types of Worksheets**

1. **Comprehension Worksheets:** These worksheets focus on understanding the plot, characters, and key events in the film.
2. **Discussion Questions:** These often include open-ended questions that encourage students to reflect on the film's themes and their implications in real life.
3. **Vocabulary Worksheets:** These focus on terms related to climate science and other relevant topics presented in the film.
4. **Essay Prompts:** These encourage deeper analysis of themes, character motivations, and moral questions raised by the film.

## **Sample Comprehension Questions**

To provide an example of what students might encounter, here are some sample comprehension questions that may appear in a worksheet:

1. What scientific evidence does Jack Hall present to support his claims about global warming?
2. Describe the sequence of events that leads to the onset of the extreme

weather conditions depicted in the film.

3. How does Sam's character evolve throughout the film?

## **Answers to Common Worksheet Questions**

Now that we have an understanding of the types of worksheets, let's explore some potential answers to the questions that might be posed in these educational materials.

### **Sample Answers**

1. Jack Hall's Scientific Evidence

- Jack Hall presents data from ice core samples that demonstrate historical climate patterns and the rapid increase in greenhouse gases. He argues that the current trajectory of climate change could lead to catastrophic weather events, as seen in the film.

2. Sequence of Extreme Weather Events

- The film begins with a series of unusual weather patterns, including tornadoes in Los Angeles and massive snowstorms in the Northern Hemisphere. These events are triggered by a sudden shift in ocean currents due to melting polar ice, leading to an abrupt climate shift.

3. Character Evolution of Sam Hall

- Sam starts as a typical teenager concerned with personal issues, such as relationships. However, as the disaster unfolds, he becomes a leader among his group of friends and demonstrates courage and resourcefulness while trying to survive and rescue those he cares about.

## **Discussion Questions and Their Answers**

In addition to comprehension questions, discussion questions encourage students to think critically about the film's themes and implications.

### **Sample Discussion Questions**

1. What role does human activity play in the events depicted in the film?

2. How does the film portray the concept of scientific foresight and political inaction?

3. In what ways does the film inspire hope despite its dire warnings?

### **Sample Answers to Discussion Questions**

1. Role of Human Activity

- The film illustrates how human activities, particularly the burning of fossil fuels and deforestation, contribute to climate change. It emphasizes that the consequences of these actions can lead to disastrous weather events, suggesting a direct link between human choices and environmental outcomes.

## 2. Scientific Foresight vs. Political Inaction

- "The Day After Tomorrow" portrays a stark contrast between the urgency of scientific warnings and the slow response of political leaders. Jack Hall's struggle to convince authorities reflects the real-world challenges scientists face in getting policymakers to take climate change seriously.

## 3. Inspiring Hope

- Despite the catastrophic events, the film conveys messages of resilience, teamwork, and the human spirit's ability to overcome adversity. Characters like Jack and Sam exemplify hope, as they navigate challenges and work together to survive and protect others.

# Using Worksheets Effectively in the Classroom

To maximize the effectiveness of "The Day After Tomorrow" worksheets, educators should consider a few strategies.

## Strategies for Implementation

### 1. Pre-Viewing Activities

- Introduce students to the basics of climate science before watching the film. This background knowledge will enhance their understanding and engagement during the viewing.

### 2. Group Discussions

- After completing worksheets, facilitate group discussions to explore different perspectives and interpretations of the film's themes.

### 3. Creative Assignments

- Encourage students to create their own climate change action plans or engage in projects that promote environmental awareness, tying back to the film's messages.

### 4. Follow-Up Assessments

- Use essays or presentations as follow-up assessments to gauge students' understanding and ability to articulate their viewpoints on the themes presented.

## Conclusion

In summary, the day after tomorrow worksheet answers serve as a valuable educational tool, enhancing students' comprehension and critical thinking regarding climate change and its potential consequences. By engaging with the film through various types of worksheets, students can explore significant themes and develop a deeper understanding of the complex issues surrounding climate science. As educators continue to use films like "The Day After Tomorrow" in their curricula, the incorporation of structured worksheets will undoubtedly foster a richer learning experience that resonates with students long after the credits roll.

## **Frequently Asked Questions**

### **What is the purpose of the 'Day After Tomorrow' worksheet?**

The 'Day After Tomorrow' worksheet is designed to test comprehension of the film's plot, themes, and characters, encouraging critical thinking about its environmental messages.

### **Where can I find the answers to the 'Day After Tomorrow' worksheet?**

Answers to the 'Day After Tomorrow' worksheet can often be found in study guides, educational websites, or teacher resources that focus on the film's analysis.

### **Are there any specific themes highlighted in the 'Day After Tomorrow' worksheet?**

Yes, the worksheet typically highlights themes such as climate change, human resilience, and the consequences of environmental neglect.

### **How can the 'Day After Tomorrow' worksheet be used in the classroom?**

Teachers can use the worksheet to facilitate discussions on climate change, enhance media literacy, and foster debates on environmental policy.

### **What type of questions are commonly asked in the 'Day After Tomorrow' worksheet?**

Common questions include character motivations, plot developments, and the scientific basis for the events depicted in the film.

### **Is there a way to create my own answers for the 'Day After Tomorrow' worksheet?**

Yes, students can develop their own answers based on personal interpretations of the film, supporting their responses with evidence from the movie.

### **Can I find sample answers for the 'Day After Tomorrow' worksheet online?**







Yes, many educational websites and student forums provide sample answers and discussions that can help guide your understanding of the film.

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## The Day After Tomorrow Worksheet Answers

**2025年7月**

Sep 2, 2024 · One day I will be you baby boy and you gonbe me   I wish I could hug you till youre really really being free     ...

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Apr 14, 2025 · [The Day of the Jackal Season 1 \(2024\)](#) ... 1

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Jun 15, 2024 · give me much money we are having a good day to you ; 1 ...

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Sep 2, 2024 · One day I will be you baby boy and you gonbe me 🥰🥰🥰 I wish I could hug you till ...

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