

Lifes Greatest Miracle Movie Worksheet

Name: Marcus Apollon

PBS Nova: Life's Greatest Miracle Movie Worksheet

Please answer the following questions as you watch. This sheet will be collected at the end of the movie.

1. How many human babies are born each day?

Approximately 365,000

2. What is DNA "very good" at?

It's very good at making copies of itself

3. What risk is there for a species that only reproduces by cloning?

If humans were all clones, everyone would have the exact same immune system, and one successful parasite could wipe us all out.

4. How does the DNA of sexually produced offspring compare to the DNA of the parents?

If the two can get together, a new being will be created, one that's different from its parents and everybody else.

5. How many sperm are produced by the average human male?

A hundred million new sperm every day and more than two trillion over a lifetime.

6. What process is used to make sperm cells and egg cells?

"Meiosis."

7. What happens to the genes when two chromosomes "embrace"?

They cling so closely, big chunks carrying whole bunches of genes get exchanged between the partners.

8. What is the advantage of diversity within a species?

Lifes Greatest Miracle Movie Worksheet

The documentary film "Life's Greatest Miracle," produced by PBS and narrated by renowned scientist and naturalist Sir David Attenborough, offers a profound insight into the incredible journey of human reproduction. This film is not only an educational piece but also a celebration of life itself. To enhance the viewing experience and facilitate deeper understanding, educators and students often use a movie worksheet designed specifically for this documentary. This article delves into the various components and importance of a "Life's Greatest Miracle" movie worksheet, providing educators with tips and resources to enrich their teaching experience.

Overview of "Life's Greatest Miracle"

"Life's Greatest Miracle" takes viewers on a captivating journey into the biological processes that lead to the creation of human life. The film covers various stages of development, from fertilization through to birth, highlighting the remarkable intricacies of the human reproductive system.

Key Themes

1. Fertilization: The film illustrates the moment when a sperm cell successfully penetrates the egg, a process filled with competition and complexity.
2. Embryonic Development: Viewers witness the stages of embryonic development, showcasing how a single fertilized cell transforms into a complex organism.
3. Genetic Influence: The film explains the role of genetics in shaping the characteristics of the offspring, emphasizing the importance of DNA.
4. Birth Process: The culmination of the journey is the birth process, illustrating the physiological changes that occur in a mother's body.

Importance of a Movie Worksheet

Using a movie worksheet during the viewing of "Life's Greatest Miracle" can significantly enhance the learning experience. A well-structured worksheet provides viewers with a framework to engage with the material actively.

Benefits of Using a Worksheet

- Active Engagement: Worksheets encourage students to think critically about the content, prompting them to ask questions and seek deeper understanding.
- Focus on Key Concepts: Worksheets can highlight essential themes and concepts, ensuring that students retain the most crucial information.
- Facilitates Discussion: A worksheet can serve as a springboard for classroom discussions, allowing students to share their insights and perspectives.
- Assessment Tool: Educators can use worksheets to assess students' understanding and retention of the material.

Components of a "Life's Greatest Miracle" Movie Worksheet

When creating a worksheet for "Life's Greatest Miracle," it is important to include various sections that cater to different learning objectives. Here are some essential components to consider:

1. Pre-Viewing Questions

These questions prepare students for the content they are about to see and activate their prior knowledge.

- What do you already know about human reproduction?
- Why do you think understanding the process of reproduction is important?
- What questions do you have about how life begins?

2. During-Viewing Activities

This section comprises tasks that students should focus on while watching the film.

- Note-Taking: Encourage students to jot down key points or interesting facts they encounter.
- Graphic Organizer: Create a chart where students can visualize the stages of human development, from fertilization to birth.

3. Post-Viewing Questions and Activities

These questions and activities help students reflect on what they learned and encourage deeper analysis.

- Summarize the process of fertilization in your own words.
- What role do genetics play in determining the characteristics of a child?
- Discuss how the film portrays the emotional aspects of becoming a parent.
- Create a timeline of the stages of development shown in the film.

Sample Questions for the Worksheet

To further assist educators, here are some sample questions that can be included in the movie worksheet:

Comprehension Questions

1. Describe the journey of a sperm cell as it travels to the egg.
2. What are the key stages of embryo development mentioned in the film?
3. How does the film illustrate the concept of genetic inheritance?

Critical Thinking Questions

1. How does the documentary challenge or reinforce your views on reproduction?
2. In what ways do you think advancements in reproductive technology could change the future of human life?
3. Reflect on the ethical implications of genetic engineering as discussed in the film.

Creative Activities

1. Draw or create a digital representation of the stages of human development as depicted in the film.
2. Write a short narrative from the perspective of a sperm cell on its journey to fertilize an egg.
3. Conduct research on a specific aspect of human reproduction that interests you and present your findings to the class.

Resources for Educators

To further enhance the learning experience around "Life's Greatest Miracle," educators can supplement the movie worksheet with various resources:

1. Educational Websites

- PBS LearningMedia: Offers lesson plans and resources related to the film.
- National Geographic: Features articles and videos on human anatomy and reproduction.

2. Books and Articles

- "The Developing Human: Clinically Oriented Embryology" by Keith L. Moore.
- "Embryology: A Very Short Introduction" by Peter A. McCaffery.

3. Interactive Activities

- Embryology Labs: Many science centers and museums offer hands-on activities related to embryology.
- Guest Speakers: Invite a healthcare professional to discuss reproductive health and advancements in the field.

Conclusion

The documentary "Life's Greatest Miracle" is a powerful exploration of human reproduction, and a thoughtfully designed movie worksheet can significantly enhance the educational experience surrounding it. By engaging students with pre-viewing questions, during-viewing activities, and post-viewing reflections, educators can foster a deeper understanding of the miraculous processes that lead to the creation of life. Ultimately, the combination of an engaging film and a structured worksheet serves to inspire curiosity, promote critical thinking, and instill a greater appreciation for the complexities of human life.

Frequently Asked Questions

What is the primary focus of the 'Life's Greatest Miracle' movie?

The movie primarily focuses on the process of human reproduction, detailing the journey from fertilization to birth.

What educational level is the 'Life's Greatest Miracle' movie worksheet designed for?

The worksheet is typically designed for middle school to high school students, providing an educational resource for understanding human biology.

What types of questions can be found on the 'Life's Greatest Miracle' movie worksheet?

The worksheet includes a variety of questions such as multiple choice, true/false, and open-ended questions that encourage critical thinking about the content of the film.

How can teachers effectively use the 'Life's Greatest Miracle' movie worksheet in their lessons?

Teachers can use the worksheet as a pre-viewing guide to set expectations, during viewing for note-taking, or as a post-viewing assessment to reinforce key concepts.

What themes are explored in the 'Life's Greatest Miracle' movie that can be discussed in the worksheet?

Themes such as the miracle of life, the complexity of human development, and the emotional aspects of pregnancy and childbirth are explored and can be discussed in the worksheet.

Are there any recommended activities to accompany the 'Life's Greatest Miracle' movie worksheet?

Yes, recommended activities include group discussions, creative projects that depict the stages of development, and reflective writing assignments on the emotional aspects of the film.

Find other PDF article:

<https://soc.up.edu.ph/34-flow/Book?trackid=eiT49-0339&title=jeremy-reilly-skin-assessment.pdf>

Lifes Greatest Miracle Movie Worksheet

When to use "lives" as a plural of life?

Aug 5, 2012 · I am confused when talking about a general idea using "our life" when sometimes I feel like using "our lives". Please tell me the correct answer with appropriate explanation.

lives/lives - WordReference Forums

Jan 31, 2007 · Is it that clear? I agree that "still lifes" is the correct form, but I can't help but think it still gives one pause before actually deciding on which one is correct (like the mouse-mice ...

Using Life or Lives - English Language & Usage Stack Exchange

I searched on Google for "Personal and Professional Life" versus "Personal and Professional Lives" and the result for each is around 500,000 results. I want to know if the following ...

Why is the plural form of "life" "lives", while the plural form of ...

From Wikipedia: A still life (plural still lifes) is a work of art depicting mostly inanimate subject matter, typically commonplace objects which may be either natural (food, flowers, plants, ...

nouns - Can you use a plural of Life as Life's when using as "Life's ...

In the phrase "life boat", life in a nominal adjective: a noun acting as a description of the type of boat. In that case, "life" will never be plural. Two of the life boats sank. Life alert systems are ...

human life, human's life, people's lives - WordReference Forums

Nov 28, 2021 · "Human life" or "human lives" is fine grammatically, but we tend to use "people's" when we're referring to people as social individuals. People like to be treated well by others. ...

Which one is correct-"life" or "lives"? [closed]

I am not sure about what is correct use of words in the following line: They lost their lives saving our

lives. or They lost their life saving our lives.

What is the origin of the phrase "Life's a (bitch|beach)"?

Sep 20, 2022 · The other day I saw a throw pillow with the phrase "Life's a peach," which of course is a play on " Life's a beach," which is (as far as I know) a play on "Life's a bitch." (It ...

in their everyday life or lives? - WordReference Forums

Nov 1, 2005 · It would be: in their everyday lives It is their lives we are talking about, more than one life. In singular, it would be: in his/her/your everyday life (or my everyday life) Here we are ...

in our life vs. in our lives? - WordReference Forums

Jul 13, 2023 · When should we use the plural form? What's the difference between "in our life" and "in our lives"? For example, Everything has different sides in our _____. A. life B. lives ...

When to use "lives" as a plural of life?

Aug 5, 2012 · I am confused when talking about a general idea using "our life" when ...

lives/lives - WordReference Forums

Jan 31, 2007 · Is it that clear? I agree that "still lifes" is the correct form, but I can't ...

Using Life or Lives - English Language & U...

I searched on Google for "Personal and Professional Life" versus "Personal and ...

Why is the plural form of "life" "lives", while th...

From Wikipedia: A still life (plural still lifes) is a work of art depicting mostly inanimate ...

nouns - Can you use a plural of Life as Life's ...

In the phrase "life boat", life in a nominal adjective: a noun acting as a description of ...

Unlock the insights of "Life's Greatest Miracle" with our comprehensive movie worksheet! Enhance your understanding and engage deeper. Learn more now!

[Back to Home](#)