Empowering Women in Tech: Beyond Inspiration

Description

Portrait of Suw Charman-Anderson
Suw Charman-Anderson

Warning of Possible End to Ada Lovelace Day

Organizations promoting women in science, technology, engineering, and maths (STEM) are facing challenges as corporate budget cuts and changing priorities impact diversity initiatives.

Ada Lovelace Day, an annual global celebration of women in STEM, is under threat. Initiated by Suw Charman-Anderson in 2009, the event might cease due to financial constraints.

Ms. Charman-Anderson recounts experiences of feeling unwelcome in male-dominated STEM environments, leading her to establish Ada Lovelace Day. Despite high attendance, securing sponsorships has been a challenge.

Financial struggles are not unique to Ada Lovelace Day, as evidenced by the recent closures of several women-focused STEM groups, attributing funding deficits to diminished corporate commitments to diversity.

Closure of Women Who Code organization
Women Who Code

Closure of Women's STEM Support Groups

Financial constraints are affecting organizations like Ada Lovelace Day and Women Who Code, signaling a shift away from diversity priorities in the STEM sector.

High-profile figures like Elon Musk have criticized diversity initiatives, while others, like Apple's Tim Cook, stress the importance of diverse perspectives for innovation.

Despite efforts to promote STEM among young women, challenges remain in securing sustained funding for programs aimed at fostering diversity and inclusion.

Vocabulary List:

1. **Diversity** /daɪˈvɜːr.sɪ.ti/ (noun): The inclusion of different types of people in a group or organization.
2. **Constraints** /kənˈstreɪnts/ (noun): Limiting factors that restrict freedom of action.
3. **Initiatives** /ɪˈnɪʃ.ə.tɪv/ (noun): Plans or strategies designed to achieve a specific goal.
4. **Funding** /ˈfʌn.dɪŋ/ (noun): Financial support for an initiative or project.
5. **Challenges** /ˈtʃæl.ɪn.dʒɪz/ (noun): Difficult situations that require a response or solution.
6. **Priorities** /praɪˈɔː.rɪ.tiz/ (noun): Things regarded as more important than others.

Comprehension Questions

Multiple Choice

1. Who initiated Ada Lovelace Day?

   Option: Suw Charman-Anderson
   Option: Elon Musk
   Option: Tim Cook
   Option: Ada Lovelace

2. What is the main reason for the possible end of Ada Lovelace Day?

   Option: Financial constraints
   Option: Lack of participants
   Option: Scheduling conflicts
   Option: Technical difficulties

3. Why did Ms. Charman-Anderson establish Ada Lovelace Day?

   Option: To promote diversity in STEM
   Option: To honor Ada Lovelace
   Option: To compete with other events
   Option: To challenge corporate budget cuts

4. What is one common challenge faced by women-focused STEM groups?

   Option: Securing sponsorships
   Option: Government regulations
   Option: Technological limitations

Option: Internal disputes

5. Which sector is experiencing a shift away from diversity priorities according to the text?

   Option: STEM sector
   Option: Finance sector
   Option: Healthcare sector
   Option: Education sector

6. Who emphasized the importance of diverse perspectives for innovation?

   Option: Tim Cook
   Option: Elon Musk
   Option: Ada Lovelace
   Option: Suw Charman-Anderson

Answer

Multiple Choice: 1. Suw Charman-Anderson 2. Financial constraints 3. To promote diversity in STEM 4. Securing sponsorships 5. STEM sector 6. Tim Cook

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. Which of the following words means drawn out in time or having a long duration?

   Option: Compelling
   Option: Incremental
   Option: Protracted
   Option: Orchestrating

2. What term refers to the study of people's efficiency in their working environment?

   Option: Capacitive
   Option: Ergonomics
   Option: Adaptation
   Option: Diversity

3. Which word means spreading throughout something?

   Option: Submerged
   Option: Rebreathing
   Option: Permeating

Option: Emollient

4. Which term is related to or connected with the sense of smell?

Option: Physiological
Option: Olfactory
Option: Compelling
Option: Capacitive

5. What is the financial support provided for a project or activity called?

Option: Challenges
Option: Initiatives
Option: Priorities
Option: Funding

6. Which term describes causing a marked change in someone or something?

Option: Robust
Option: Transformative
Option: Intricate
Option: Rebreathing

7. What are restrictions or limitations that affect a situation or action?

Option: Eschewed
Option: Constraints
Option: Diversity
Option: Challenges

8. Which term means relating to or denoting an increase or addition?

Option: Incremental
Option: Synthesize
Option: Adaptation
Option: Robust

9. What are difficulties or problems that arise during a task or activity?

Option: Challenges
Option: Funding
Option: Initiatives
Option: Priorities

10. Which term refers to things that are regarded as more important than others?

Option: Priorities

Option: Ergonomics

Option: Capacitive

Option: Orchestrating

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. The film had a _____ storyline that kept the audience engaged.

12. The company launched several new _____ to improve sustainability.

13. The team made _____ to their strategy in light of the new information.

14. Proper _____ can prevent musculoskeletal issues in the workplace.

15. The organization values _____ in its workforce.

16. The software has a _____ security system to protect user data.

17. She was responsible for _____ the entire event.

18. The artist _____ traditional painting techniques in favor of a more modern style.

19. Scientists aim to _____ data from various experiments to draw conclusions.

20. The sunken ship remains _____ beneath the ocean surface.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. The touchscreen technology relies on the user's electrical properties to function properly.
22. The artist spent weeks creating the detailed and complex design.
23. Researchers combine the findings from multiple studies to create a comprehensive review.
24. The speaker delivered a speech that captivated the audience and left them wanting more.
25. The educational program had a profound impact on the students changing their perspectives.
26. The lotion contained soothing and moisturizing ingredients to soften the skin.

27. The study focused on the body's natural functions and processes under different conditions.
28. The project manager coordinated the efforts of various teams to ensure timely completion.
29. The aroma of freshly baked cookies spread throughout the house.
30. The company made small incremental changes to its products to improve customer satisfaction.

Answer

Multiple Choice: 1. Protracted 2. Ergonomics 3. Permeating 4. Olfactory 5. Funding 6. Transformative 7. Constraints 8. Incremental 9. Challenges 10. Priorities

Gap-Fill: 11. Compelling 12. Initiatives 13. Adaptation 14. Ergonomics 15. Diversity 16. Robust 17. Orchestrating 18. Eschewed 19. Synthesize 20. Submerged

Matching sentence: 1. Capacitive 2. Intricate 3. Synthesize 4. Compelling 5. Transformative 6. Emollient 7. Physiological 8. Orchestrating 9. Permeating 10. Incremental

CATEGORY

1. Sci/Tech - LEVEL6

Date Created
2024/09/16
Author
aimeeyoung99