

North American Science Scoop: Dinosaurs, Ancient Humans, and AI Breakthroughs

Recent Scientific Discoveries · Answer Key · 10 Questions

1. A newly discovered horned dinosaur species from Montana was named 'Lokiceratops rangiformis'. What is the inspiration behind this unique name?

- A) A popular video game character
- B) The Norse god Loki and the dinosaur's uneven horns**
- C) A famous movie monster
- D) A type of local wildflower

2. Recent archaeological findings in New Mexico have pushed back the estimated date of human presence in North America. Approximately how many years ago did these footprints suggest humans were walking the land?

- A) 5,000 years ago
- B) 10,000 years ago
- C) 21,000 to 23,000 years ago**
- D) 50,000 years ago

3. Which North American province in Canada recently yielded an 11,000-year-old Indigenous settlement that predates Egypt's Great Pyramid?

- A) Quebec
- B) British Columbia
- C) Ontario
- D) Alberta**

4. What major scientific field is North America dominating, with innovations contributing significantly to its global market and projected to triple by 2025?

- A) Biotechnology
- B) Artificial Intelligence (AI)**
- C) Quantum Computing
- D) Renewable Energy

5. A new tyrannosaur species, 'Nanotyrannus lancensis', was recently confirmed to have coexisted with T. rex. Where was this significant fossil discovery made?

- A) Montana
- B) Wyoming
- C) North Carolina**
- D) New Mexico

6. NASA is preparing to launch the Nancy Grace Roman Space Telescope. What is a key capability that will allow it to survey the sky much faster than the Hubble Space Telescope?

- A) A smaller, more powerful mirror
- B) A much wider field of view**
- C) Advanced artificial intelligence for image processing
- D) Its proximity to Earth

7. Which U.S. state's desert caves have yielded artifacts, including a stitched fragment of elk hide, that are approximately 12,400 years old, potentially representing some of the oldest known sewn clothing?

- A) Arizona
- B) Utah
- C) California
- D) Oregon**

8. A recent discovery in New Mexico led to the description of a new species of carnivorous dinosaur called 'Ptychotherates bucculentus'. What geological period does this dinosaur belong to?

- A) Jurassic
- B) Cretaceous
- C) Triassic**
- D) Paleogene

9. What groundbreaking medical advancement in 2025 offered a needle-free alternative for children experiencing severe allergic reactions, marking a significant update to epinephrine delivery?

- A) A gene-editing therapy
- B) A new vaccine
- C) A prescription nasal spray**
- D) An inhaler device

10. Scientists have discovered a new species of pocket shark. What unique characteristic does the 'American Pocket Shark' possess?

- A) It can change its color
- B) It glows in the dark**
- C) It has a prehensile tail
- D) It communicates with clicks