

Canadian Science Unveiled: June 2026's Arctic Secrets, Ancient Discoveries &

Canadian Science · Answer Key · 6 Questions

1. Near which Saskatchewan First Nation was an 11,000-year-old Indigenous settlement, named Âsowanânihk, recently discovered, challenging long-held theories about early North American societies?

- A) Mistawasis Nêhiyawak First Nation
- B) Sturgeon Lake First Nation**
- C) Muskoday First Nation
- D) Poundmaker Cree Nation

2. In April 2026, Canadian researchers uncovered a vast hidden network of 37 subglacial lakes, with 35 previously unknown, beneath which Arctic region, significantly altering the understanding of glacier dynamics?

- A) Ellesmere Island
- B) Baffin Island
- C) Canadian Arctic Archipelago**
- D) Banks Island

3. Scientists from the University of Ottawa and the University of Toronto recently announced the discovery of significant natural accumulations of 'white hydrogen' gas leaking from ancient rock layers. This groundbreaking clean energy source was found within which major geological formation in Canada?

- A) The Western Cordillera
- B) The Appalachian Mountains
- C) The Canadian Shield**
- D) The Great Lakes Lowlands

4. In May 2026, McGill University researchers unveiled a novel molecular platform designed to revolutionize drug discovery by combining benefits of antibodies and DNA-based therapeutics. What is the name of this innovative new class of molecules?

- A) Theranostics
- B) Exosomals
- C) Alenomers**
- D) Cryptomers

5. A pan-Canadian research team recently demonstrated an innovative approach to personalize cancer treatment for young patients. What unique method did they employ to rapidly test and identify personalized drugs?

- A) 3D bioprinting of tumors in vitro
- B) Growing patient tumors in chicken eggs**
- C) CRISPR gene editing on patient samples
- D) Utilizing AI to predict drug efficacy from genomic data

6. In May 2026, the Government of Canada committed a significant investment to bolster Indigenous-led health research, including initiatives for community-driven health research in the Northwest Territories and Yukon. What was the total renewed investment for these northern health research efforts through March 2028?

- A) \$2.1 million
- B) \$5.4 million**
- C) \$8.8 million
- D) \$1.7 million