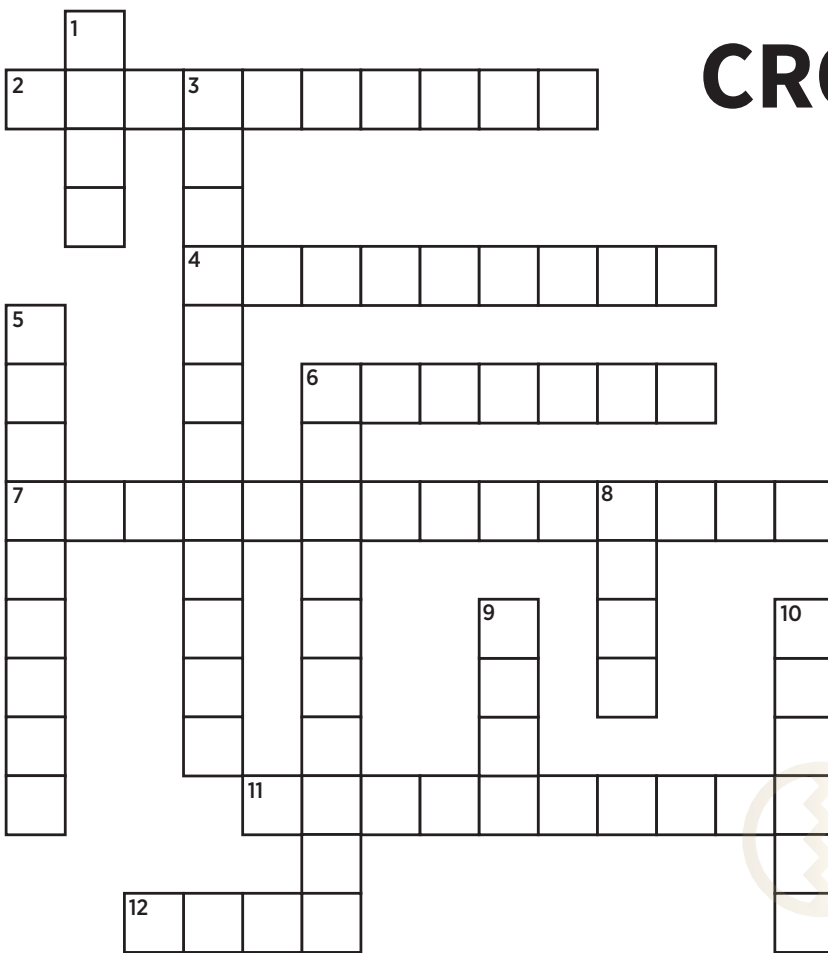


CROSSWORD FOR NIST NEWS OF



Use these clues to find out what made headlines for NIST this year and fill in the spaces!



ACROSS

- 2 A next-generation atomic clock demonstrated at NIST in May is so small that its heart is about the same size as a _____. (2 Words)
- 4 The _____ Genome Initiative at NIST uses artificial intelligence to help develop new, complex blends of materials in a faster and cheaper way.
- 6 Forensic scientists at NIST created digital 3D replicas of _____ from the assassination of President John F. Kennedy.
- 7 The compound uranium ditelluride has unique properties as a _____ that could help with developing functioning quantum computers.
- 11 _____, a concept better known for underpinning digital currencies like Bitcoin, is making its way into digital manufacturing networks.
- 12 A new research initiative seeks to address _____ in the results from information retrieval software like search engines.

DOWN

- 1 A custom-made frequency _____ from NIST will help scientists hunt for Earth-like planets at the Hobby-Eberly Telescope in Texas.
- 3 _____ can seep out of wood products, a public health problem faced by Hurricane Katrina survivors who lived in wood-built trailers after the disaster.
- 5 In May, the world officially redefined each base measurement unit in the metric system using fixed _____ of nature.
- 6 Researchers at JILA measured the quantum details of _____, spherical cages of 60 carbon atoms.
- 8 A new standard reference material for _____ products, which can be used to identify deadly toxins in food, is now available.
- 9 Collaborating with the Smithsonian National Zoo, NIST scientists are developing a library of _____ from animals, which contains unique sugars called oligosaccharides.
- 10 The internet of _____ links everyday items like refrigerators and thermostats to computer networks, but that ease also brings security risks.