

**2022 PROPOSED
WORK PLAN AND MEETING SCHEDULE
for the
SCIENCE, TECHNOLOGY AND TELECOMMUNICATIONS COMMITTEE**

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Work Plan

The Science, Technology and Telecommunications Committee was created by the New Mexico Legislative Council on April 26, 2022. The committee proposes to hear testimony regarding:

1. broadband development progress and challenges for various sectors of the state, including presentations from:
 - A. the Office of Broadband Access and Expansion and the governor's broadband advisor;
 - B. the Connect New Mexico Council regarding the broadband grant program;
 - C. municipal and county governments regarding broadband challenges and status;
 - D. institutions of higher education, the Council of University Presidents, the New Mexico Association of Community Colleges and New Mexico Independent Community Colleges;
 - E. the Public Education Department;
 - F. the Higher Education Department;
 - G. the New Mexico Association of REALTORS;

- H. the New Mexico Hospital Association;
 - I. various law enforcement agencies; and
 - J. the Public School Capital Outlay Council on the development of a statewide education technology infrastructure network pursuant to Laws 2021, Chapter 49;
2. telemedicine: how to make it an effective tool throughout the state and the technology required;
 3. science, technology, engineering and mathematics (STEM) education and the potential to develop STEM education hubs at the high school level;
 4. the information technology (IT) industry trend known as "Web3", which includes decentralized applications to form cryptoeconomic protocols based on blockchains or decentralized networks of peer-to-peer servers, and what Web3 may mean for state agencies and educational institutions;
 5. recruitment of women and other underrepresented members of the population into coding camps and other precursor training for technology-based jobs;
 6. energy production and transmission, market opportunities, emerging technologies and evolving best practices, including:
 - A. technologies and practices used in oil and gas production to reduce greenhouse gas emissions and other industry actions to combat climate change; and
 - B. innovations in electric power generation from the use of in-system water pressure within water utilities or through the use of thermochemical or pyrolysis reactions to recycle plastic wastes;
 7. the proposed Holtec International nuclear fuel rod storage facility between Carlsbad and Hobbs;
 8. general economic development initiatives related to science, technology and telecommunications, including a status update regarding the development of the New Mexico Innovation Triangle;
 9. intellectual property development at research institutions in New Mexico, including new and emerging technology and entrepreneurial programs at the state's universities;

10. the status of state IT projects, including the Department of Information Technology's and the Legislative Finance Committee's reports on program management and presentations from implementing agencies for large IT projects;

11. space industry development and opportunities;

12. telecommunications regulation in New Mexico;

13. updates on Sandia National Laboratories and Los Alamos National Laboratory;

14. modern technology and methods in farming and nutrient enhancement in food products; and

15. updates on public safety programs, including E911 and a mobile public radio system.

**Science, Technology and Telecommunications Committee
2022 Proposed Meeting Schedule**

<u>Date</u>	<u>Location</u>
June 2	Santa Fe
July 7-8	Albuquerque
August 8-9	Socorro and Spaceport America
September 1-2	Hobbs
October 27-28	Farmington*
November 16-17	Santa Fe

*Meetings outside the State Capitol after September 30 require New Mexico Legislative Council approval.