

NAME: _____

DATE: _____

Communications Research Projects in *Computer Science*

Every student at TCHS must successfully complete and present a research project each school year. The list below represents previous topics offered for research. All research topics require teacher approval. Circle a topic below that interests you or write-in a research topic of your own:

Administrating Program Development

Alan M. Turing

Arcade Project (Building the Classics)

Basic HTML Web Development

Building a Linux Beowulf Cluster

College or University Research

Computer Storage Devices

Computer Support at TCHS

Contrast and Compare Computer Memory Forms

Current Events (Approved)

Database System Concepts

Distributed Algorithms (Source = Rice University)

Dynamic Web Development (ODBC and DOM)

ENIAC, Build it and they will come...

Hackers (Debate)

History of BITNET, Who is Ira Fuchs?

History of Programming

Intel's Marketing Disaster

Internet History (Team Project)

Linux Administration Projects (Approved Only)

Linux: Compression, System Backup, & Software Installation

Mobile Application Development (Debate iOS versus Android)

Mobile Application Development (Choose iOS or Android)

Numbering Systems (Including Binary and Hexadecimal)

Operating Systems (Debate)

OSI Model Today or Network Topologies

Privacy and E-Mail Ethics (Debate)

Programming Language Paradigms

Programming OOP Style

Programming Project (Choose from BASH, C++, CGI, JAVA, MySQL, PHP, or Python)

Pros & Cons of Internet Information (Debate)

Pros & Cons of the Student Handbook

TCP/IP (History; Current)

Traveling Salesman Problem (Open Discussion)

Unix Operating Systems

Web Page Design Proposals (with ODBC)

Web Page Project (must use some Java, Java Script, and database integration)

Writing computer proposals (for hardware, software, web development, and/or programming)

Xerox Inventions

OR WRITE-IN: _____

x _____

(Teacher's Approval)