

New Hampshire Educational Technology Cost Worksheet

This is a compilation of numbers and costs derived from businesses and schools to be applied to technology use in New Hampshire classrooms. It should be used as a guide by school districts when planning for technology. These represent reasonable standards and associated minimal estimated costs for technology use in our classrooms at this time.

Computer Desktop Costs

Levels of computers indicate the capacity of an individual unit. The minimum level of desktop hardware to be planned for should be Power Mac or Pentium level or better. All computers below that capacity will not be considered modern by the year 2000. To allow for the growth of computer capacity the higher levels indicate greater capacity. Please note that levels 2 through 5 are multimedia including CD ROM drives and speakers.

<u>Desktop Purchase Price:</u>		<u>Minimum Model</u>		
Minimum Price	Level	PC	Mac	Level Description
\$3,000.00	5	Pentium III	G3 Tower	Servers & High-end computers
2,500.00	4	Pentium III	G3 Tower	Teacher Workstations
1,500.00	3	Pentium II	Powerbook 1400	Laptops for Desktop Applications and Internet Access
1,000.00	2	Pentium	PowerMac 5200	Student Workstations for Desktop Applications & Internet Access
1,000.00	1	Pentium MMX	PowerBook 520	Stand-alone Laptop Workstations
500.00				Printer
3,000.00				Projection System

Network Wiring Costs

Minimum Price

\$25,000.00	Initial cost to wire a data closet
40,000.00	Additional wiring cost per 100 students

Additional Annual Expenses

(formulas based on number of computers)

10	Computers per printer
20	Additional wiring cost per 100 students

Additional Annual Expenses

(as a percentage of purchase price)

10%	System/operating system software
10%	Applications software
10%	Maintenance cost
20%	Replacement/migration cost
5%	Adaptive Assistive equipment/software

Annual Network Expenses

Minimum Price

\$1,000.00	Internet connect expense per school
25.00	Internet connect expense per teacher
25.00	Internet connect expense per administrator
25.00	Internet connect expense per student

Support Personnel Costs

Salary Expense, by Classification

\$30,000.00	Academic Technology Support
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Personnel Number Calculations

1	SAU supported per Academic Technology Support Person
4	Schools supported per Academic Technology Support Person
50	Teachers supported per Academic Technology Support Person
5	Servers supported by one Network Administrator *
100	Desktops supported by one Academic Technology Support Person

Contracted Services Calculations

\$75.00	Hourly Service Charge
2.00	Hours of Service per Computer per year

Training Costs

\$200.00	Annual Training expense per teacher
200.00	Annual Training expense per school administrator
500.00	Annual Training expense per Academic Technology Support Person