



eDucation In Arkansas
Technology Assessment
(eD@T@)

LAKESIDE SCHOOL DISTRICT

District LEA Number

0903000

District Address

1110 SOUTH LAKESHORE
LAKE VILLAGE, AR 71653

Superintendent Name

MRS. JOYCE L VAUGHT

County

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Network Information

| Network | 2004 | 2007/2008 | State Avg | National Avg |
|---|---|--|---|--------------|
| Number of rooms | 11 | 132 | 198 | NA |
| Number of rooms with active connections | 11 | 132 | 192 | NA |
| Percent of rooms with active network connections | 100% | 100% | 97% | 94% |
| Most common type of cable to serve network connection | Category 5E or better 3 Unshielded Twisted Pair | Category 5 Unshielded Twisted Pair cable | Category 5E or better Unshielded Twisted Pair cable | NA |
| Provides wireless for access to the Internet | NA | Yes | 82% | 45% |

| District WAN Bandwidth Capacity | 2004 | 2007/2008 | State Avg | National Avg |
|---|----------|-----------|-----------|--------------|
| Bandwidth available | 1.5 Mbps | 9.2 Mbps | 6.06 Mbps | 97% |
| Number of buildings supported per Internet connection | 1 | 10 | 16 | NA |
| Number of Internet accessible connections | 11 | 338 | 411 | NA |
| Number of students supported by Internet accessible connections | NR | 1,261 | 1,822 | NA |
| Number of school employees supported by Internet accessible connections | 9 | 101 | 274 | NA |

Applications Information

| State and Administration Applications | Yes | NO | Percent of Districts in State Utilizing these Tools | Definition |
|---------------------------------------|-----|----|---|--|
| APSCN Pentatamation | X | | 97% | Financial and Student management applications |
| Triand | X | | 95% | Electronic transcript transfer application |
| Cognos | X | | 91% | School data financial reports application |
| Special Education (SEAS) | X | | 95% | Web based application for Special Education due process |
| Locally Provided E-mail System | X | | 99% | E-mail server such as GroupWise or Exchange |
| Electronic Grade Books | | X | 91% | Application for automated grade and/or attendance reporting |
| Electronic Library Applications | X | | 95% | Provides electronic tracking of book inventory, most provide for automated checkout of books |
| Electronic Cafeteria Applications | X | | 76% | Provides electronic tracking of student Free/Reduced/Regular status and student lunch counts |
| Electronic Bus Route Applications | | X | 11% | Provides electronic tracking fo bus routes, student bus assignments and mileage |
| Voice Over Internet Protocol (VOIP) | | X | 11% | A technology that allows you to make voice calls using a broadband internet connection instead of a regular (or analog) phone line |
| Online Learning for Staff | X | | 78% | Web based professional development |

Hardware / Software Information

| Hardware/Software | Division | Ratio | State Avg | National Avg |
|--|--|---|---|-------------------------|
| Student / Computer | Elementary | 2.5:1 | 4.2:1 | 4.5:1 |
| | Middle/Jr. High | 2.1:1 | 1.7:1 | 4.0:1 |
| | High School | 2.1:1 | 2.5:1 | 3.4:1 |
| Student / CIV lab | All | 631:1 | 1,435:1 | NA |
| Student / Interactive White Boards | Elementary | NR | 103:1 | NA |
| | Middle/Jr. High | 154:1 | 37:1 | NA |
| | High School | 131:1 | 59:1 | NA |
| Student / LCD or DLP Projectors | Elementary | 141:1 | 49:1 | NA |
| | Middle/Jr. High | 61:1 | 18:1 | NA |
| | High School | 65:1 | 26:1 | NA |
| Student / Number of Non-Network and/or Non-Windows Devices | Elementary | 37:1 | 72:1 | NA |
| | Middle/Jr. High | NR | 36:1 | NA |
| | High School | 56:1 | 49:1 | NA |
| Student / Number of Hand-held Devices | Elementary | NR | 222:1 | NA |
| | Middle/Jr. High | NR | 128:1 | NA |
| | High School | NR | 188:1 | NA |
| Staff / Number of Hand-held Devices | Elementary | 20:1 | 26:1 | NA |
| | Middle/Jr. High | NR | 39:1 | NA |
| | High School | NR | 31:1 | NA |
| Reported Electronically with Login Script | | | | |
| Computer / Server | All | 53:1 | 62:1 | 65:1 |
| Pre-Windows 2000 Workstations / Windows 2000/XP/Vista | All | 0.211:1 | 0.02:1 | 0.6:1 |
| Reported Electronically with Scan Application | | | | |
| Computers / Network Print Services | All | 0.057:1 | 17:1 | 4:1 - 14:1 |
| Technical Support Details | 2004 | 2007/2008 | State Average | National Average |
| Primary Technical Support | A full-time computer technician in this district is shared with other LEAs | A full-time computer technician within this district shared with other LEAs | A full-time computer technician within this district shared with other LEAs | NA |
| Primary Instructional Technical Support | A certified staff member in this district is assigned only to this LEA | Education service cooperative personnel | A certified staff member within this district shared with other LEAs | NA |
| Technicians / Students | NA | 1:631 | 1:958 | 1:550 |
| Instructional Technical Support / Staff | NA | 1:17 | 1:230 | 1:418 - 1:11,000 |
| Technical Support Staff | NA | 2 | 1.9 | NA |
| Instructional Support Staff | NA | 6 | 1.2 | NA |

Classroom Use

| Video Conferencing | 2004 | 2007/2008 | State Avg | National Avg |
|--|-------------|------------------|------------------|---------------------|
| Number of video conferencing systems | NA | 2 | 1.3 | NA |
| Percentage of school day that the video equipment is in use | NR | 75% | 39% | NA |
| Video conferencing systems used for Elementary Instruction | False | False | 8% | NA |
| Video conferencing systems used for Middle School / Jr. High Instruction | False | False | 13% | NA |
| Video conferencing systems used for High School Instruction | False | True | 79% | NA |
| Video conferencing systems used for Professional development | False | True | 33% | NA |
| Video conferencing systems used for community access | False | True | 6% | NA |

| Classroom Technical Devices | Divison | 2004 | 2007/2008 | State Avg | National Avg |
|--|-----------------|-------------|------------------|------------------|---------------------|
| Number of interactive white boards (such as Smart Boards) | Elementary | 0 | 0 | 9.7 | 24% |
| | Middle/Jr. High | 0 | 2 | 7.6 | 34% |
| | High School | 0 | 3 | 9.2 | 41% |
| Number of LCD or DLP projectors installed | Elementary | 0 | 4 | 20.4 | NA |
| | Middle/Jr. High | 0 | 5 | 15.3 | NA |
| | High School | 0 | 6 | 20.7 | NA |
| Number of non-Internet accessible or non-Windows devices (PCs, Macintosh computers, printers, peripherals) | Elementary | 0 | 15 | 13.8 | 20% |
| | Middle/Jr. High | 0 | 0 | 7.8 | |
| | High School | 0 | 7 | 11.1 | |
| Number of hand-held devices for staff (a small hand-held computer like a PDA or an iPod) | Elementary | NA | 2 | 2.2 | NA |
| | Middle/Jr. High | NA | 0 | 1.2 | NA |
| | High School | NA | 0 | 1.8 | NA |
| Number of hand-held devices for students (a small hand-held computer like a PDA or an iPod) | Elementary | NA | 0 | 4.5 | NA |
| | Middle/Jr. High | NA | 0 | 2.2 | NA |
| | High School | NA | 0 | 2.9 | NA |

Classroom Use (cont.)

| Student Online Learning (e-Learning) | 2004 | 2007/2008 | # of Schools Using (out of 1,102) |
|--|-------|-----------|-----------------------------------|
| EAST Lab | False | True | 146 |
| ADE / AETN United Learning / Streaming Video Project | False | True | 818 |
| Web-based classes | NA | True | 139 |
| ExploreNet | False | False | 13 |
| AETN IDEAS | NA | True | 368 |
| ADEDLC - Arkansas Department of Education's Distance Learning System | NA | False | 148 |
| DCDL - Dawson Center for Distance Learning | NA | False | 36 |
| Compressed Interactive Video (CIV) | NA | True | 201 |
| Cisco Academy | NA | False | 12 |
| Oracle Academy | NA | False | 6 |
| ASMSA Office of Distance Learning | NA | False | 67 |
| NORMES | True | NA | NA |
| Virtual High School (AVHS) | False | False | 93 |
| Traveler Online Database Project | NA | True | 250 |

| Computer Home Access Programs | YES | NO | Percent of Districts in State Utilizing a Home Access Program |
|-------------------------------|-----|----|---|
| Provide a loan out program | | X | 6.35 % |
| Provide a purchase Program | | X | 1.98 % |

| e-Learning or Distance Education & Video Streaming | 2007/2008 | State Average | National Average |
|--|-----------|---------------|------------------|
| e-Learning or Distance Education Statistics | 0.39% | 29% | 21% |
| Video Streaming Statistics | 1.95% | 79% | 33% |