

**BDR 34-794**  
**AB 210**

LOCAL GOVERNMENT  
FISCAL NOTE

AGENCY'S ESTIMATES

Date Prepared: February 15, 2025

Agency Submitting: Clark County School District

<b>Items of Revenue or Expense, or Both</b>	<b>Fiscal Year 2024-25</b>	<b>Fiscal Year 2025-26</b>	<b>Fiscal Year 2026-27</b>	<b>Effect on Future Biennia</b>
(Expense)				\$60,000,000
Total	0	0	0	\$60,000,000

Explanation

(Use Additional Sheets of Attachments, if required)

If passed, this Bill could have a significant impact. Please see attached.

Name Diane Bartholomew

Title Interim Chief Financial Officer

### ***Executive Summary***

To ensure compliance with remote exam proctoring requirements, especially when a testing platform does not allow integrated device monitoring, students must use an additional video device for remote monitoring. This memo outlines compliance measures, estimated device and license needs, and associated costs to support 131,047 students in Grades 3–8 (129,854), including 11th grade at Nevada Learning Academy (NVLA) (610) and homebound (583) students. The enrollment information is based on the Student Information Systems (SIS) current enrollment numbers. This does not include Charter school students. This high level assessment assumes the necessity of controlled devices with limited applications (also known as “sterile devices”) to ensure the validity of proctored tests.

### ***Compliance Requirements***

The following requirements must be met to comply with remote testing regulations:

1. **Proctor Monitoring:** Each student must be monitored via a separate video device if the primary testing platform does not support integrated video monitoring.
2. **Hardware Configuration:**
  - A student will use a primary testing device (e.g., Chromebook or tablet)
  - An additional video monitoring device (e.g., USB camera, mobile phone, or tablet) may be required
3. **Software Needs:**
  - Proctoring software for secure exam monitoring on both student and proctor devices
  - A software platform capable of device switching, real-time video feeds, and alerts for any suspicious activities
4. **Secure Data Management:** Adherence to privacy and data security regulations when storing exam recordings or monitoring data.

### ***Proctoring Software Vendor Options and Costs***

Below are selected vendors that provide remote proctoring software solutions, along with their cost estimates and features.

1. **ProctorU (Meazure Learning)**
  - Cost: \$15–\$30 per student per exam (or \$20–\$30 per student annually for unlimited use)
  - Features: Live proctoring, AI-assisted monitoring, identity verification, secure browser integration, real-time incident reporting
  - Contact: <https://www.proctoru.com>
2. **Examity**
  - Cost: \$12–\$25 per student per exam (customized packages available for annual licenses)
  - Features: Live, automated, or hybrid proctoring, identity verification, integration with major Learning Management Systems (LMS) platforms, 24/7 support
  - Contact: <https://www.examity.com>
3. **Honorlock**
  - Cost: \$10–\$20 per student per exam (bulk pricing available)
  - Features: AI-driven automated proctoring, live pop-in proctoring for flagged incidents, seamless integration with LMS platforms, 24/7 support
  - Contact: <https://www.honorlock.com>
4. **Respondus Monitor (LockDown Browser)**
  - Cost: \$15 per student annually for unlimited exams

- Features: Automated proctoring, lockdown browser to prevent cheating, AI monitoring, integration with LMS platforms
- Contact: <https://www.respondus.com>

#### 5. Proctorio

- Cost: \$5–\$15 per student per exam or custom annual pricing based on enrollment
- Features: Automated AI proctoring, customizable security levels, real-time behavior analysis, strong data encryption and privacy controls
- Contact: <https://www.proctorio.com>

#### **Cost Estimate**

Below is a breakdown of estimated costs for hardware, software, and licenses. These estimates cover a total of 131,047 students in Grades 3–8 (129,854), 11th-grade at NVLA (610), and homebound students (583).

##### 1. Hardware Requirements

- Student Device (Testing): Estimated 131,047 units for current enrollment and homebound students.
  - Chromebooks or Tablets: \$390 per unit
  - Total: \$51,108,330
- Secondary Video Device (options if needed):
  - USB webcams (\$40 each)
  - Mobile phones/tablets (~\$250 each)
  - Total: \$420,000–\$2,625,000, depending on the device chosen

##### 2. Software Requirements

- Proctoring Software Licenses:
  - Estimated cost based on vendor selection (e.g., Respondus: \$1,965,705, ProctorU: 1,310,470) annually for 131,047
  - Total: \$1,310,470 –\$1,965,705 annually
- Proctor Device Licenses:
  - \$100 per proctor license annually, for 200 proctors
  - Total: \$20,000 annually
- Network and IT Support:
  - Infrastructure support, monitoring bandwidth needs, and server requirements
  - Up to \$50,000 annually depending on the software chosen and technical requirements

#### **Implementation Plan**

##### 1. Hardware Deployment:

- Coordinate distribution of testing and monitoring devices to students and proctors.
- Ensure all devices are configured with required software prior to testing dates.

##### 2. Software Setup:

- Partner with a remote proctoring software vendor to configure and test monitoring platforms.
- Ensure student privacy and data protection through encryption and secure access controls.

##### 3. Training:

- Train proctors on software use, monitoring procedures, and compliance with data security standards.
- Provide students with user guides and technical support resources.

##### 4. Testing and Quality Assurance:

- Conduct pilot testing with a small group of students to ensure smooth operation.

- Address any technical issues before full-scale deployment.

**Summary of Costs**

Category	Estimated Cost Range
Student Devices	\$51,108,330
Video Monitoring Devices	\$420,000–\$2,625,000
Proctoring Software	\$1,310,470–\$1,965,705 annually
Proctor Licenses	\$20,000 annually
Network & IT Support	\$50,000 annually
Total (First Year)	\$55,113,800–\$59,769,035

**Conclusion & Additional Considerations**

Ensuring compliance with remote exam proctoring requirements is essential for maintaining academic integrity, security, and regulatory adherence in remote testing environments. The outlined plan provides a cost-effective and scalable solution for proctoring 131,047 students in Grades 3–8 (129,854), including 11th grade at NVLA (610) and homebound (583) students while addressing key requirements, including secure hardware, sterile testing devices, and proctoring software.

The estimated first-year cost ranges from \$55,113,800 –\$59,769,035 with hardware being a one-time purchase and software and IT support requiring annual renewal. Clark County School District (CCSD) will provide bandwidth for students testing in schools, while homebound students must verify network connectivity before scheduling exams. The implementation plan ensures seamless deployment, vendor selection, training, and quality assurance measures to create a smooth testing experience for students and proctors.

**Alternative Considerations**

**1. District Testing Center**

- As an alternative or supplement to remote proctoring, the District may consider establishing a centralized testing center to provide a controlled, in-person environment for students requiring accommodations, technical support, or secure testing conditions.
- **Potential Benefits of a District Testing Center**
  - **Enhanced Security & Integrity:** Eliminates reliance on secondary video monitoring by providing direct, on-site proctoring.
  - **Reduced Technology Costs:** Removes the need for additional secondary monitoring devices, reducing hardware expenses.
  - **Consistent Network Reliability:** Ensures stable and secure internet access for test-takers, eliminating home network concerns.
  - **Accessibility for Homebound Students:** Allows students without adequate home environments or network access to complete testing in a controlled setting.
  - **Technical Support Availability:** On-site IT staff can resolve issues in real-time, reducing software or connectivity disruptions.
- **Estimated Cost for a District Testing Center**
  - Facility Setup: \$500,000–\$1,000,000 (security, testing stations)
  - Staffing (Proctors & IT Personnel): \$250,000 annually
  - Network Infrastructure: \$100,000–\$200,000
  - Total Initial Investment: \$850,000–\$1,700,000

- **Implementation Option**
  - CCSD could pilot the testing center for high-need students (homebound, students with accommodations, etc.) before expanding district-wide.
  - The center could operate on a scheduled basis to optimize cost and efficiency, serving students who lack necessary at-home testing conditions.
- 2. **Outsourcing to an External Testing Facility**
  - Another potential approach is to outsource proctoring services to an external testing facility, such as Pearson VUE, Prometric, or local third-party educational testing centers. This option allows the District to leverage existing secure facilities and professional proctors without investing in infrastructure, staffing, or technology management.
  - **Potential Benefits of Outsourcing**
    - No Initial Infrastructure Costs: Eliminates the need for setting up a dedicated CCSD testing center.
    - Experienced Professional Proctors: Reduces training needs and ensures compliance with best practices.
    - Flexible Scheduling: Students can book tests at multiple locations, improving accessibility.
    - Guaranteed Secure Testing Environments: Outsourced facilities already meet industry-standard security, privacy, and compliance requirements.
    - Scalability: Easier to adjust testing capacity based on enrollment fluctuations.
  - **Estimated Cost for Outsourcing to an External Facility**
    - Per-Student Testing Fee: \$25–\$50 per test
    - Annual Testing Cost (131,047): \$1,310,470–\$1,965,705
    - Total Cost vs. In-House Testing Center:
      - CCSD-Owned Testing Center: \$850,000–\$1,700,000 (initial investment) + \$250,000–\$500,000 annually
      - Outsourced Testing Facility: \$375,000–\$750,000 annually