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Crabtree, Rohrbaugh & Associates

**STATE COLLEGE AREA
SCHOOL DISTRICT**

**Mount Nittany ES & District-Wide
Facility Master Plan Update**

SCHOOL BOARD MEETING

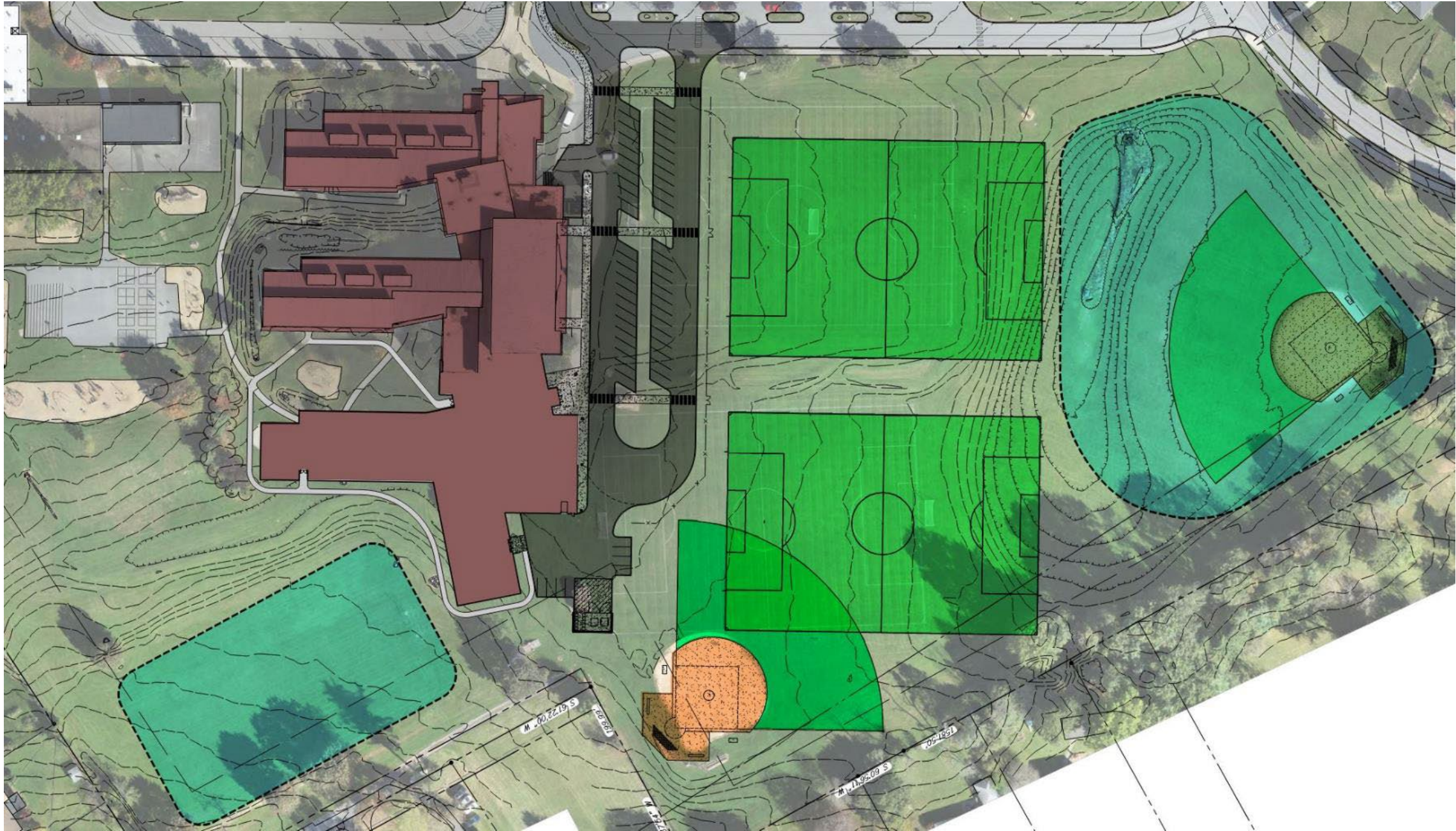
January 8, 2024

AGENDA

- **Mount Nittany Elementary School**
 - **Campus Design Evolution**
- **District-Wide Facility Master Plan**
 - **Park Forest Middle School Site Analysis**
 - **Preliminary Site Test Fits:**
 - **Additions & Renovations**
 - **New Construction**
 - **Advantages & Challenges Discussion**
- **Next Steps**
 - **Work In Progress**
 - **Upcoming Board Review & Discussion**

CAMPUS DESIGN EVOLUTION







SITE DEVELOPMENT

Civil engineers and landscape architects have begun further development of site design supporting MNES addition, key features include:

1. Evolution of drop-off loop along east face of building.
2. Access to new entry to maximize dispersement of students into school.
3. Compression of loop to integrate with existing on-site parking.
4. Building and field services including, receiving, trash collection & field and grounds support.
5. Multi-use Design of New Loop.

PARK FOREST MIDDLE SCHOOL SITE ANALYSIS



Site Analysis

Currently, 3 options are being evaluated for expansion of Park Forest Middle School (PFMS)

1. Additions & Renovations to existing facility
2. New Construction- PFMS
 1. School Property across Valley Vista Drive
3. New Construction- PFMS
 1. Wooded property owned by SCASD adjacent to PFMS & PFES.

Site plan test fits are in progress for each option to determine Advantages & Challenges for each option and selection by SCASD. The following are preliminary analysis that is in process.



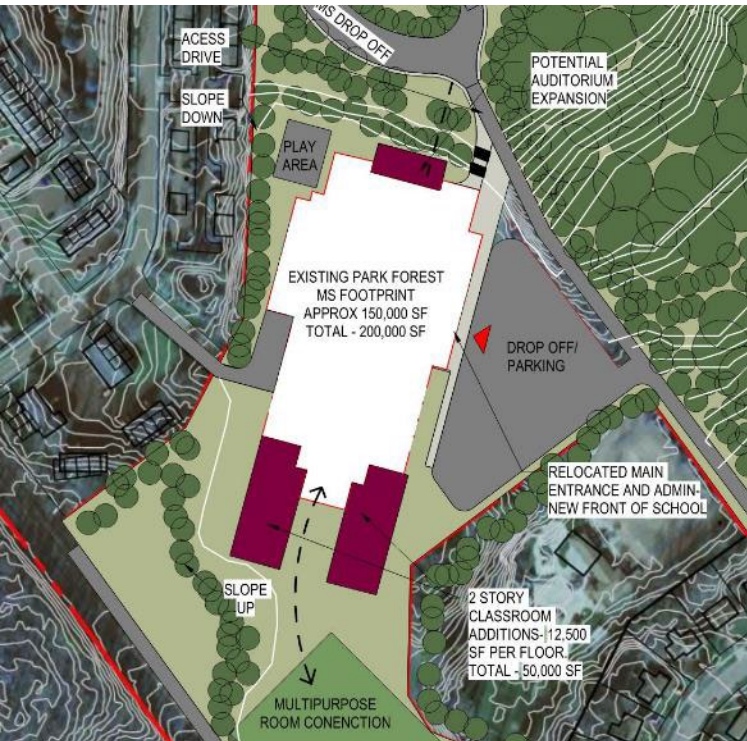
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Site plan test fits are in progress for each option to determine Pros & Cons for each option and selection by SCASD.

PARK FOREST MIDDLE SCHOOL SITE ANALYSIS



1

**Additions & Renovations
Existing Facility**



2

**New Construction
SCASD property across
Valley Vista Drive**



3

**New Construction
SCASD property adjacent
to PFES & PFMS**

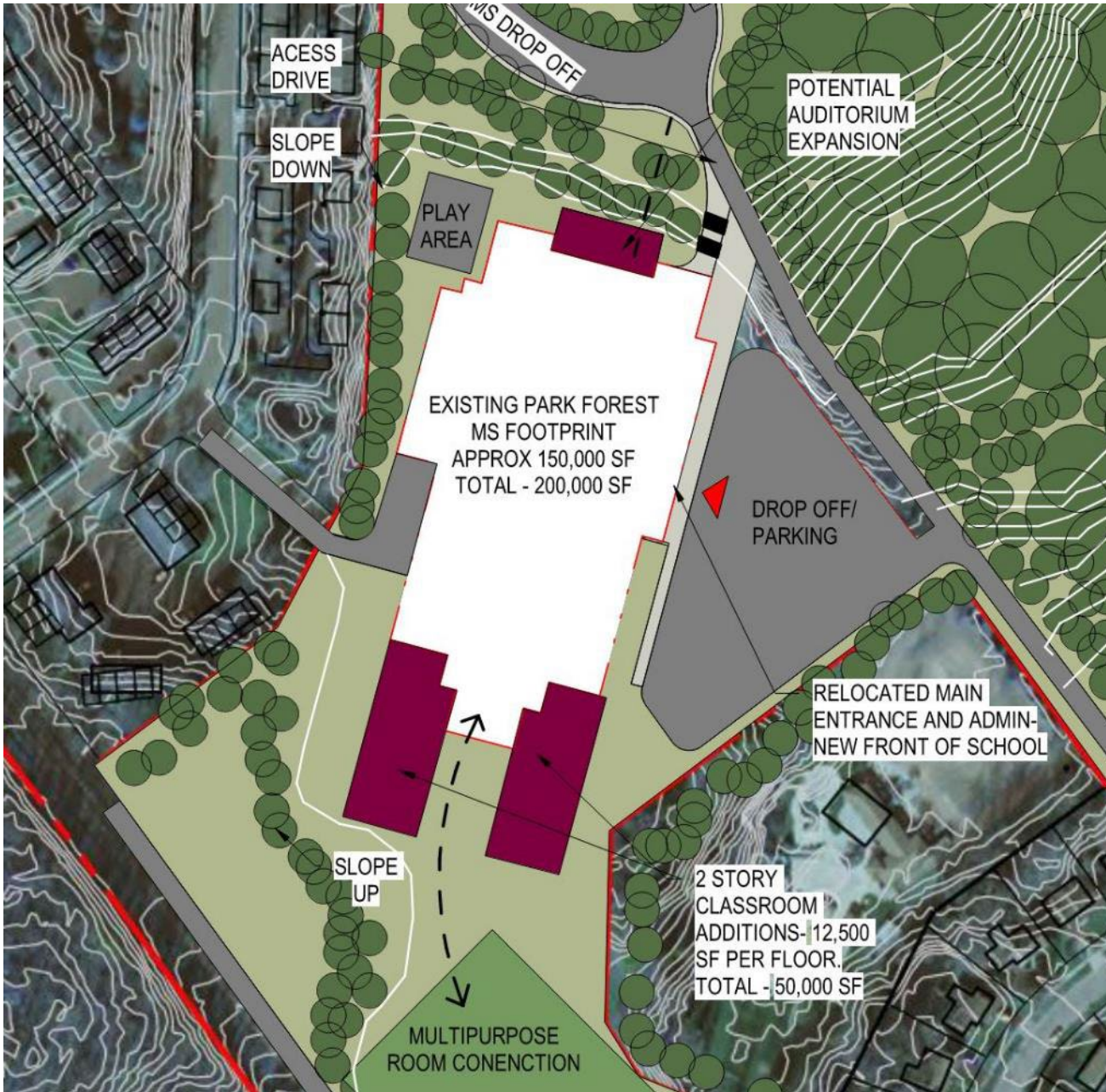
1. Additions & Renovations (Existing Facility)

Advantages

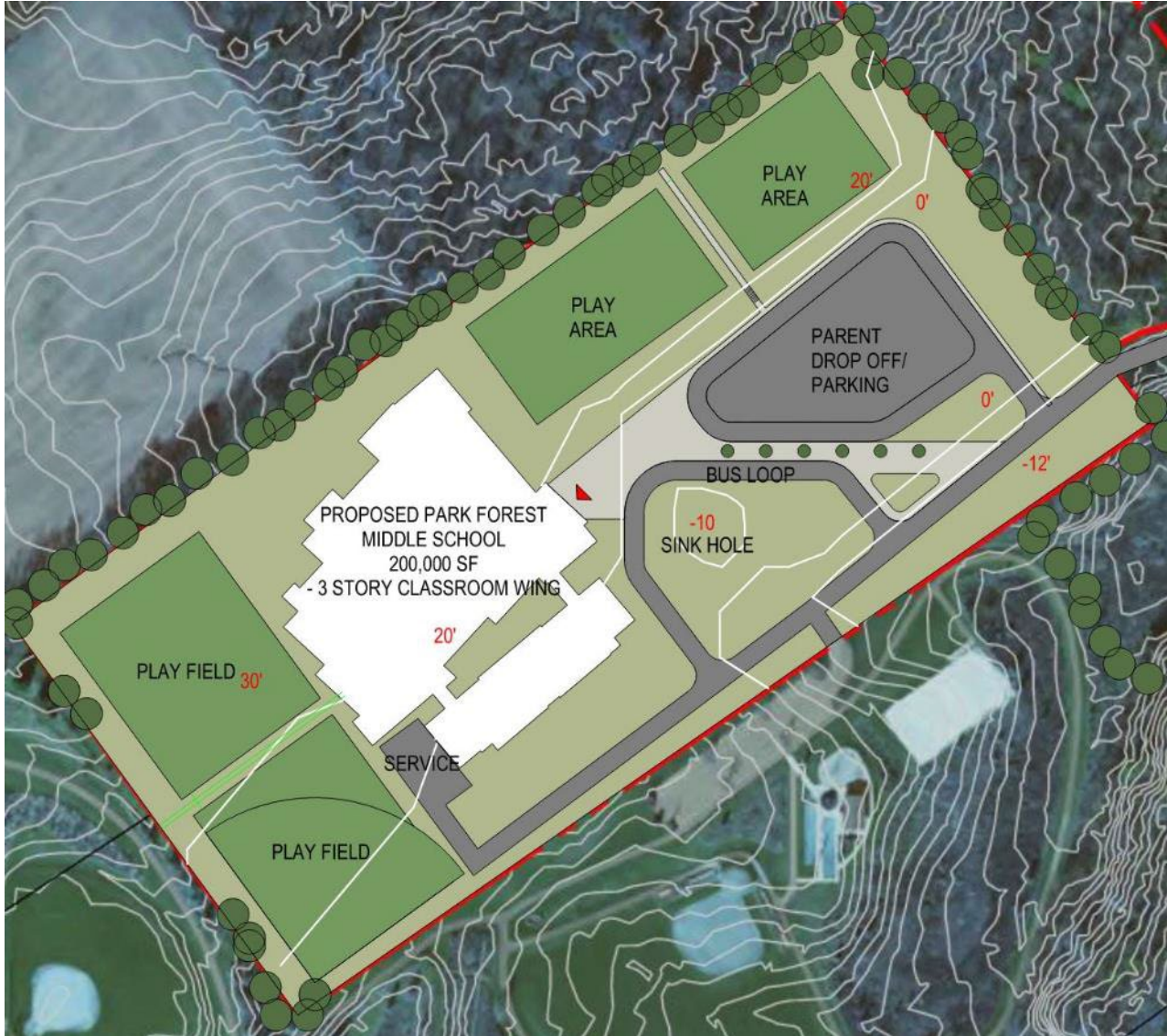
1. Ability to Utilize the Existing Facility

Challenges

1. Reconfiguration of existing building to accommodate modern educational model.
2. Limited acreage to allow contractors to work around PFMS while students are in session.
 1. Laydown & Staging
 2. Phasing
3. Parking & grading will be a substantial challenge
4. One Story existing Building substantially increases site coverage.



2. New Construction SCASD Property across Valley Vista Drive



Advantages

1. New Facility allows for flexibility to fully integrate district vision for educational program.
2. Construction would be remote from students.
 1. Improved construction schedule
 2. More attractive to potential bidders due to efficiency.
3. Multi-story building will compress footprint allowing for mor efficient use of campus.

Challenges

1. New site infrastructure to accommodate new facility on existing fields.

3. New Construction SCASD Property adjacent to PFES & PFMS

Advantages

- 1. Proximity to Park Forest Elementary School (PFES)
- 2. Opportunity to expand existing campus into SCASD property not currently able to be utilized for education, which will increase the site utilization for education.

Challenges

- 1. New site infrastructure to accommodate new facility.
- 2. Construction on a wooded, sloped site will have cost impact, but may have building configuration opportunities.
- 3. Campus is currently divided by school Drive, that may require relocation for safety & security.



NEXT STEPS

Mount Nittany Elementary Addition

- Vertical Articulation of Addition (Renderings)- Upcoming Presentation
- Budget Development
- Interior Design Meetings w/ Staff- Scheduled for end of January
- Mechanical, Electrical & Plumbing System Selections

District-Wide Facility Master Plan (DWFMP)

- Facility Assessments of All Facilities (In Process)
- Greenhouse Gas Evaluation
 - Interface with Verdacity (SCASD sustainability consultant) and Centre Region has occurred. Team will be utilizing Clearpath software, allowing interfaces between Centre Region and SCASD.
- Middle School Secondary Educational Program Development



QUESTIONS

