* Goal 5: Enhance Stability and Reliability of Technology
* The following strategies will be used to meet the goal to enhance stability and reliability of technology across the District:
* 5.1 Cloud Strategy: Evaluate and implement a Cloud Strategy that will move from a local infrastructure to a cloud hosted infrastructure.
* 5.2 Disaster Recovery Plan: Develop and implement a Business Continuity and Disaster Recovery Plan to cover all areas of technology at the District and at the Colleges.
* 5.3 Fault Tolerance: Create redundant pathways to create fault tolerance for internet and voice circuits at the District and the Colleges.
* 5.4 Redundancy: Evaluate, document and make recommendations for full redundancy in server rooms, core network and WAN environments.
* 5.5 Test Plans and Procedures: Establish annual and semi-annual test plans to ensure all plans have been implemented properly and are operating as expected.

### Year 1 - Priority 1 Initiatives:

**Identify a cloud service provider that will move from a local infrastructure to a cloud hosted infrastructure:** This project prepares the TESS to move services, servers, and storage to the cloud providing a robust fault tolerant system. Prepares us for implementation of many goals and initiatives. Person Responsible: Rick Hrdlicka Estimated Completion Date: December 15, 2020

**Standardize naming of systems and processes:** Create and document standard naming conventions and processes. Person Responsible: Rick Hrdlicka Estimated Completion Date: January 31, 2021

### Year 1 - Priority 2 Initiatives:

**Evaluate, document and make recommendations for full redundancy in server rooms, core network and WAN environments:** Directors at each site will evaluate their resource and come together to recommend solutions for redundancy. Persons Responsible: Technology Director at each site. Estimated Completion Date: June 30, 2021

**Develop a Business Continuity and Disaster Recovery Plan to cover all areas of technology at the District and at the Colleges:** Hire a consultant to assist in evaluation of TESS business processes and technology environment. Person Responsible: Luke Bixler Estimated Completion Date: June 30, 2021

### Year 2 - Priority 1 Initiatives:

**Move backups to Cloud Storage**: Move data and server backups to cloud storage. Persons Responsible: Technology Director at each site. Estimated Completion Date: January 30, 2022

### Year 2 - Priority 1 Initiatives:

**Review of Enterprise Applications including SAAS:** Move data and server backups to cloud storage. Persons Responsible: Andy Chang Estimated Completion Date: January 15, 2022

**Implement a Business Continuity and Disaster Recovery Plan to cover all areas of technology at the District and at the Colleges:** Person Responsible: Luke Bixler Estimated Completion Date: January 15, 2022

### Year 2 - Priority 2 Initiatives:

**Test, document and repair/replace fiber:** Use Measure CC bond funds to test, document, and repair/replace all inter building fibers at campuses. Person Responsible: Rick Hrdlicka Estimated Completion Date: January 15, 2022

**Move user and department shares to OneDrive**: Train users to use OneDrive storage for work and department file storage. Remove all documents for local file shares. Persons Responsible: Technology Director at each site. Estimated Completion Date: June 30, 2022

### Year 2 - Priority 3 Initiatives:

**Move backups to Cloud Storage**: Move data and server backups to cloud storage. Persons Responsible: Technology Director at each site. Estimated Completion Date: January 30, 2022

**Create redundant pathways to create fault tolerance for internet and voice circuits at the District and the Colleges:** Person Responsible: Jeremy Sims Estimated Completion Date: June 30, 2022

### Year 3 - Priority 1 Initiatives:

**Implement a cloud strategy that will move from a local infrastructure to a cloud hosted infrastructure where feasible:** Estimated Completion Date: January 30, 2023

**Implement annual and semi-annual test plans and procedures:** Decide what components of the infrastructure need tested and the proper methods for testing. Implement the testing. Technology Director at each site. Estimated Completion Date: June 30, 2023

### Year 3 - Priority 2 Initiatives:

### Year 3 - Priority 3 Initiatives: