

Planning Our Future

Subcommittee 4 - Sustainability

October 14, 2023

1. Reducing energy consumption
 - a. Why
 - i. Lessen our negative impact on the environment
 - ii. Reduce costs
 - b. How
 - i. Improved HVAC
 - ii. Better Lighting- efficiency (automatic shutoff) and aesthetic (natural light)
 - iii. Collaborative space for teachers (kitchen)
 - iv. Electric buses
 - v. Remove sewer treatment plant
 - vi. Native planting
 - vii. Increased pervious ground cover
 - viii. Charging stations
 - ix. Use of renewable energies
 - x. Multi-use spaces
 - c. Elements Impacted
 - i. Environmental
 - ii. Social-Comfort of environment; educational programs; behavior
 - iii. Economic
2. Decrease our Physical Footprint while increasing spaces to gather
 - a. Why
 - i. More environmentally friendly-energy efficiency
 - ii. Better opportunities for students to work together
 - iii. Costs less
 - iv. Reduce waste
 - b. How
 - i. Less wasted space- lockers, long corridors
 - ii. Improved layout- better flow, reduced travel time between classes
 - iii. Multi-use space- Gym that could also host an assembly for full school
 - iv. Multi-level building versus wider one floor
 - v. Shared classroom space
 - vi. Teacher lounge spaces
 - vii. Clusters of classrooms
 - c. Elements Impacted
 - i. Environmental-less carbon footprint
 - ii. Social-increased parking with lesser footprint; access to one another

iii. Economic-costs less to build

3. Ensure spaces are more accessible to the community

a. Why

- i. To build community engagement
- ii. Promote community buy in
- iii. Optimize our resources
- iv. Enhance sense of belonging
- v. Branding

b. How

- i. Separate entrances to community spaces from classrooms
- ii. Create desired spaces for use
- iii. More parking
- iv. Communication about spaces available
- v. Ability to allow safe entry from within the space
- vi. Outdoor spaces- fields and classrooms

c. Elements Impacted

- i. Environmental-eliminates need for duplication; shared resources
- ii. Social- builds community; opportunities for students to teach others
- iii. Economic-can raise funds

4. Decrease our Environmental Footprint

a. Why

- i. More environmentally friendly-energy efficiency
- ii. Costs less
- iii. Reduce waste

b. How

- i. More robust recycling program
- ii. Reduce food waste
- iii. Reduce diesel emissions
- iv. Improve pool- reduce chemical use, eliminate leaks, functionality
- v. Improved building materials- insulation
- vi. Improved HVAC
- vii. Eliminate sewer treatment plant
- viii. Better traffic flow- car and bus
- ix. Sidewalks to promote walking

c. Elements Impacted

- i. Environmental-less carbon footprint
- ii. Social-teaching sustainability; better air quality
- iii. Economic-reduces costs