

**Grant 2023-2**  
**NRMS**

Summary of Projects

1. Rand Burkert, greenhouse teacher, supported by two Wampanoag consultants and Russ Cohen, will do a 2–3-week unit each term on the forest behind NRMS with an emphasis on plant census and growing plants for bird habitat and human consumption. (Budget request is for \$2400 of the \$3400 in consultant costs with the rest coming from Rand’s budget.)
2. Katherine Harvey, media production, supported by Mass Audubon naturalists, will do an ornithology unit each term to research birds around Boland Pond. (Budget request is for \$1205 in consultant costs.)
3. Auburn Hall and Caryn Phipps, art teachers will do nature photography each term with 8th graders documenting animal and plant life around Boland Pond. (Budget request is for \$2793 to buy seven Canon cameras with accessories.)
4. Rachel Cummings, computer science teacher, supported by Mass Audubon naturalists, will work with students to plan and implement the installation of a live camera for the Osprey nest near the ball field and trail cameras near Boland Pond. These cameras will be used by Burkert, Harvey, and Pirtle. (Budget request is for \$1205 in consultant costs and \$3092 for various live cameras, trail cameras, and installation materials.)
5. Leslie Pirtle, computer science teacher will work with students and teachers to build a website to support all the other projects, while doing AI work on identification of bird species (no special funds requested).
6. Amy Fleischer, science teacher and the other grade 7 science teachers will examine the Boland watershed using a new watershed model to support their work. (Budget request is for \$1816 to buy the watershed simulation materials.)