

Ambitious

Ambitious projects

- 2-6 hrs set up
- Multiple variables
- Multiple measurements/observations
- Strict data protocol

- Data requires cleaning and management
- Reporting protocols to external project
- 2+ classroom discussions
- 2-4hrs of teacher PD required

Phenology calendar: Multiple species

Estimated time required:	Research questions:	Applicability:
5 periods or more, plus student observations	When do the phenological features appear? How do they compare to other measurements — in other locales, and in prior years?	Science Practices: 1,3,4,8 NGSS and MA Standards: 6. MS-LS1-3, 7.MS-LS-4, 7. MS-LS2-1, 8.MS-LS1-5

[Click here for materials and more information!](#)

Invasive species census: Four or more species

Estimated time required:	Research questions:	Applicability:
Protocol under development	What invasive species are present, and how does their abundance compare to other areas and previous years? How does the regional climate compare to that of their habitat of origin?	NGSS and MA Standards: 7. MS-LS2-4

[Click here for materials and more information!](#)