

Stocco, Janet

From: Belolan, Courtney <Courtney.Belolan@maine.gov>
Sent: Tuesday, September 20, 2022 3:00 PM
To: Olson, Rachel
Cc: Stocco, Janet
Subject: RE: Request for information from Maine Legislative Study Group

This message originates from outside the Maine Legislature.

Hello Rachel,

I am only able to provide very general information to your questions. As a local-control state, the decisions regarding programming and curriculum are left up to local districts, and Career and Technical Education centers. As such we do not have data on the types of programs offered in the different Maine school districts.

- The current Maine Learning Results for science are the NextGen Science standards which include learning outcomes related to genetics articulated throughout the k-12 grade span. Gene-editing specifically is not noted in the standards.
- Maine schools do not offer additional endorsements or certifications on diplomas. Some students in CTE programs may earn certifications or credentials through any trade-specific opportunities that are available to them.

Please let me know if you have any further questions, or if I can support your work in any other way.

Regards,

Courtney Belolan

(she/they)

Director of Policy and Government Affairs

Maine DOE

(207) 215-7396

From: Olson, Rachel <Rachel.Olson@legislature.maine.gov>
Sent: Friday, September 16, 2022 2:25 PM
To: Belolan, Courtney <Courtney.Belolan@maine.gov>
Cc: Stocco, Janet <janet.stocco@legislature.maine.gov>
Subject: RE: Request for information from Maine Legislative Study Group

Thank you, Courtney. Let me know if you have any questions!

Rachel

From: Belolan, Courtney <Courtney.Belolan@maine.gov>
Sent: Friday, September 16, 2022 1:44 PM
To: Olson, Rachel <Rachel.Olson@legislature.maine.gov>
Cc: Stocco, Janet <Janet.Stocco@legislature.maine.gov>
Subject: RE: Request for information from Maine Legislative Study Group

This message originates from outside the Maine Legislature.

Hello Rachel,

I am working on collecting information for a response and will have it to you on Tuesday.

Courtney Belolan

(she/they)

Director of Policy and Government Affairs

Maine DOE

(207) 215-7396

From: Olson, Rachel <Rachel.Olson@legislature.maine.gov>
Sent: Thursday, September 15, 2022 12:40 PM
To: Belolan, Courtney <Courtney.Belolan@maine.gov>
Cc: Stocco, Janet <janet.stocco@legislature.maine.gov>
Subject: Request for information from Maine Legislative Study Group

Dear Ms. Belolan,

Hello, my name is Rachel Olson and I am a legislative analyst with the Office of Policy and Legal Analysis. My colleague, Janet Stocco, and I are providing staff support to the *Advisory Panel To Better Understand and Make Recommendations Regarding the Implication of Genome-editing Technology for the Citizens of the State*. The study's website is [here](#) and its authorizing legislation is [here](#).

At the most recent study meeting, held on Wednesday, September 7th, Advisory Panel members has questions about STEM programs within Maine schools, including CTE programs, and more particularly if any of these programs (or schools in general) had curriculum relevant to genetics and gene-editing.

In particular, the Advisory Panel wanted to know, and hope that you (or another person at DOE) can answer:

- How many Maine schools, including CTE programs, offer STEM specific programming? The example that was mentioned was Bangor High School's STEM Academy. So, the request is focused on similar programming and not just on single-course offerings. This could include any programs offered at CTE schools as well, but such programming should be focused on skills applicable to post-secondary schooling or careers in the field of genetics or genome-editing (human or non-human organisms).
- How many Maine high schools offer additional certifications or endorsements on their diplomas (if any)? If any, how many of them include STEM related endorsements?

If at all possible, I would like to be able to share this information with the Advisory Panel at their meeting next Wednesday, September 21st. If that is not doable, the final meeting of the Advisory Panel is scheduled for October 19th.

Thank you in advance for any assistance you can provide. Please do not hesitate to reach out if you have any questions regarding my request.

Sincerely,

Rachel Olson
Legislative Analyst
Office of Policy and Legal Analysis
Maine State Legislature
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