

Pattengill Biotechnical Magnet School Annual Education Report

February 2022

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER), which provides key information on the 2021-22 educational progress for Pattengill Biotechnical Magnet School. The AER addresses the complex reporting information required by federal and state laws. The school's report contains information about student assessment, accountability, and teacher quality. If you have any questions about the AER, please contact Missy Arocha for assistance.

The AER is available for you to review electronically by visiting the following website [Pattengill Combined AER Report](#), or you may review a copy in the main office at your child's school.

For the 2021-22 school year, schools were identified based on previous years' performance using definitions and labels as required in the Every Student Succeeds Act (ESSA). A Targeted Support and Improvement (TSI) school is one that had at least one underperforming student subgroup in 2018-19. An Additional Targeted Support (ATS) school is one that had a student subgroup performing at the same level as the lowest 5% of all schools in the state in 2017-18. A Comprehensive Support and Improvement (CSI) school is one whose performance was in the lowest 5% of all schools in the state or had a graduation rate at or below 67% in 2016-17. Some schools are not identified with any of these labels. In these cases, no label is given.

Our school was not identified as any of the above.

For the 2020-2021 school year, Pattengill was only able to collect benchmark data. Data from AimsWeb Literacy and Math were collected for students in kindergarten and first grade. The proficiency level in math was 45% and a growth rate of weekly improvement at .33. The proficiency level in literacy was 17% and a growth rate of weekly improvement at .73. Data from NWEA Literacy and Math were collected for students in second grade through sixth grade. This benchmark data was collected virtually as this was the mode of learning for the 20-21 school year. The proficiency level in math was 14% and a growth fall/spring projection of 22%. The proficiency level in literacy was 23% and a growth fall/spring projection of 27%.

For the 2020-2021 school year, students were able to apply to the school of their choice within the district that focuses in an area of their interests. Additionally, eligible students from outside the district boundary lines are able to apply for Schools of Choice. Pattengill Biotechnical Magnet School has both School of Choice students and students who live within the school district's boundaries. Available space in the school is awarded through a lottery process to be enrolled in the magnet program.

Our school improvement plan for the 2020-2021 school year continued to focus in reading, math, school culture, and social emotional learning. Pattengill Biotechnical Magnet also continues to build a culture of support with a warm and inviting climate.

Pattengill Biotechnical Magnet is a Pre-K – 6th grade elementary school that specializes in STEM learning with a biotechnical focus. Teachers are offered training in Engineering is Elementary, Project Lead the Way, and Buck Institute's project based learning. Students learn about the curriculum through student centered, real-world problem solving challenge. Students work collaboratively and gain 21st Century skills in order to ready themselves for careers and/or college.

A copy of the core curriculum, in addition to the Common Core State Standards (CCSS), can be accessed through the Lansing School District web page at www.lansingschools.net, or the Pattengill Biotechnical Magnet web page at <http://www.lansingschools.net/pattengill>. The core curriculum and content standards are implemented by the teaching staff at Pattengill Biotechnical Magnet through the above mentioned ways along with best practices for teaching and learning.

Due to challenges that the COVID-19 Pandemic posed and the Lansing School District's virtual year, families were able to opt-in for state mandated assessments. Pattengill did not have any families select this option. Our most recent data is for the 2018-2019 school year where Pattengill Biotechnical Magnet School had an overall 1% increase in proficiency in the MStep English Language Arts from the previous year, and a 2% overall increase in Math. Local assessments including NWEA and AIMSweb Plus also demonstrated increases in academic achievement.

We are continuously using data to drive our instruction in order to improve student achievement. We look forward to working with our district, community and families while implementing our magnet program.

Sincerely,

Missy Arocha, Principal