ACADEMY FOR BIOTECHNOLOGY
at Mountain Lakes High School

Program Update
Dec 3, 2018
Enrollment Summary

Class of 2022 (current freshmen)
23 students
- 4 Mountain Lakes
- 1 Boonton
- 18 Other towns

Class of 2021 (current sophomores)
15 students
- 3 Mountain Lakes
- 1 Boonton
- 11 Other towns
1. There have been three open houses that attracted ~50 potential applicants for the next cohort.
2. Interested students will take Accuplacer exams, complete the application process and be interviewed by a team, including Mr Blanchard, who will observe them completing a performance-based task.
3. By January, 2019 the district will receive a ranking of all applicants based on the admissions rubric.
4. The district will accept 15 out-of-district students as well as any Rockaway Valley and Briarcliff students who are ranked for recommended admission.
The Academy generates revenue for the district from a NJDOE Partnership Grant, Perkins Funding and tuition. The tuition is infused into the school budget and can be used for any purpose.

<table>
<thead>
<tr>
<th>School Year</th>
<th>Grant Funds</th>
<th>Tuition Revenue</th>
<th>Total Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017-2018</td>
<td>$70,729.00</td>
<td>$147,200.00</td>
<td>$217,929.00</td>
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<tr>
<td>2018-2019</td>
<td>$70,929.00</td>
<td>$254,800.00</td>
<td>$325,729.00</td>
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<tr>
<td>2019-2020*</td>
<td>$42,204.00</td>
<td>$364,000.00*</td>
<td>$406,204*</td>
</tr>
<tr>
<td>2020-2021*</td>
<td>TBD</td>
<td>$473,000.00*</td>
<td>TBD</td>
</tr>
</tbody>
</table>

*projected
1. Upon successful graduation from the Academy for Biotechnology, students will have the knowledge and skills to enter post-secondary education prepared to excel in majors in biotechnology and life sciences.

2. Successful graduates will also have developed a high-value and transferable skill-set sought by future employers that includes, but is not limited to, team work, organization, and communication.
Priorities

Rigorous theoretical background

Extensive practical lab work and research

Systematic exposure to practicing professionals, businesses, and colleges
Meg and Dana

- Integrating into the Mountain Lakes Community
- Academy vibe
Andrew

Deep and cutting-edge scientific knowledge

+ Internships

Success in emerging biotech/life science careers
Jenna

- Field trips
- Academy opportunities
- Classroom environment
Benefits of an Academy in Mountain Lakes

- Mountain Lakes’ students who are prepared and interested in an intensive science program including a career-focused internship need look no further than our own high school.
- Academy students have begun providing academic support to non-Academy MLHS students.
- Guest speakers, lab equipment and the lab itself are being made available to non-Academy students.
- Academy program includes another science educator collaborating and teaching other levels of biology from AP to contemporary biology.
Administration of the Academy

- Parent and community outreach and partnerships
- Business and college partnership development
- Guest speaker and field trip activities
- Course structure and curriculum development
- Marketing and PR activities including weekly newsletter and website development
- Liaising with MCVSD
Thank you!