



Rilke Schule German School of Arts and Sciences



Mission- "To produce engaged world citizens and lifelong learners in both English and German."

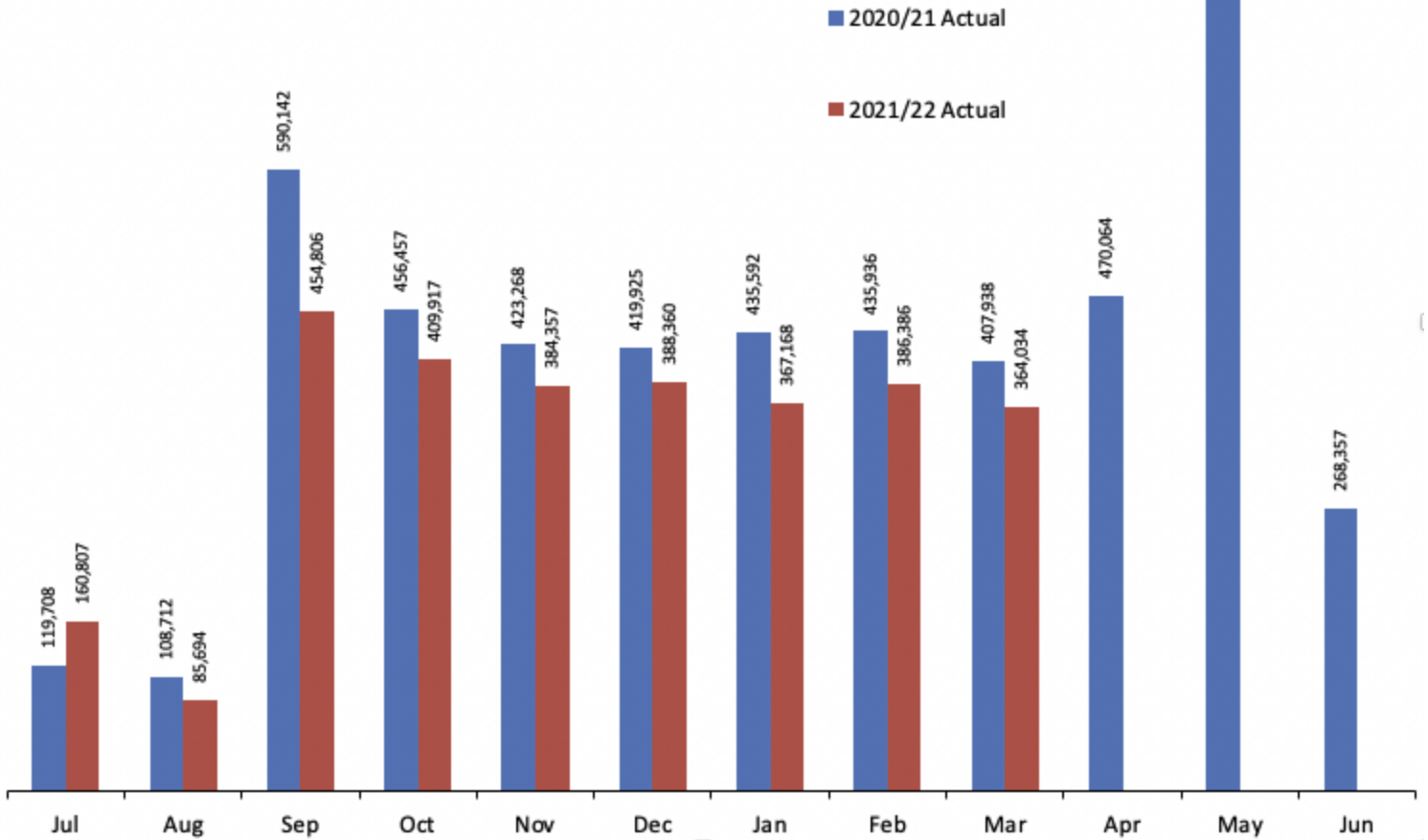
Vision- "To be the premier K – 8 German Immersion school in the nation and a top-rated Alaskan school."

March 17, 2022

APC Principal's Report

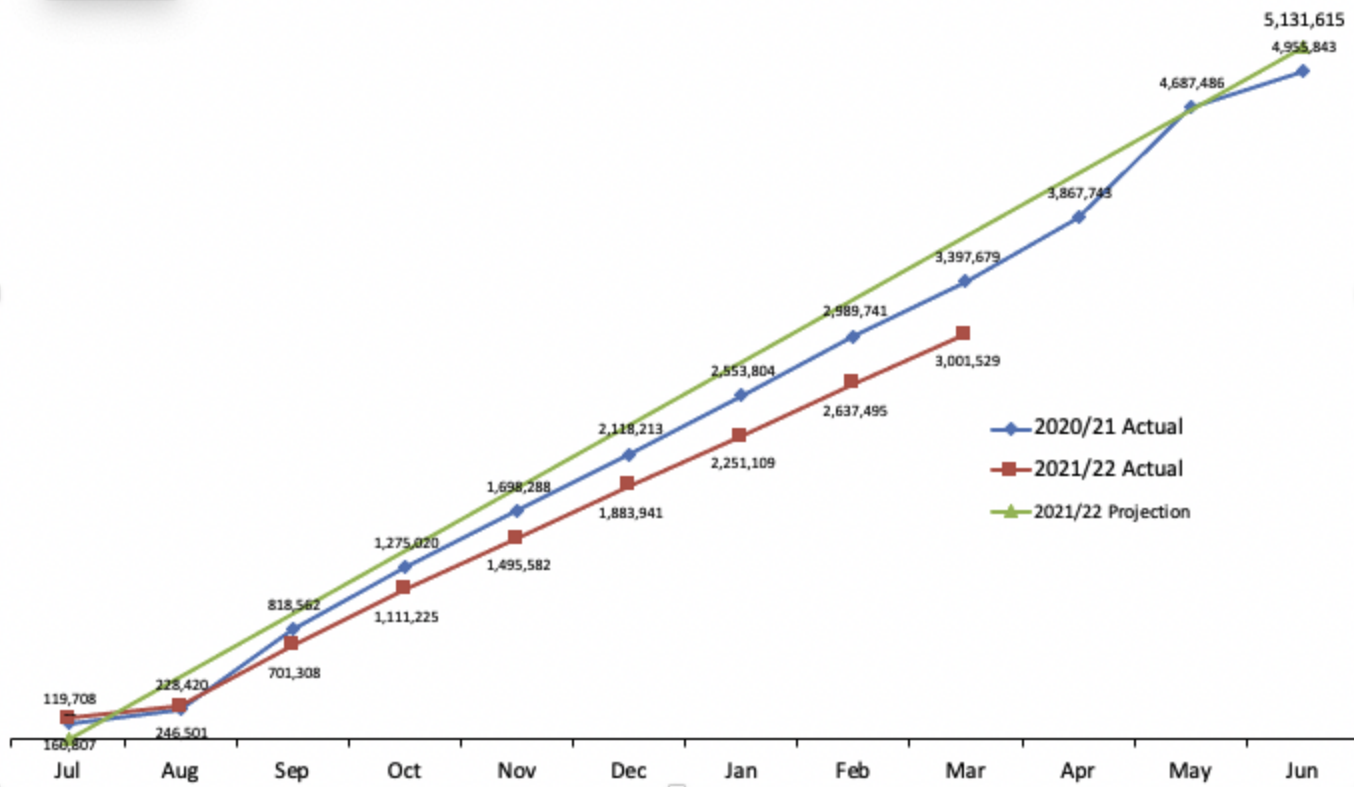
Students-	<ul style="list-style-type: none">• Declamation was a success in a semi virtual format• 2022- 99 students on lottery for K(22 are siblings)- projected to 89 based on 70% acceptance rate , 8 students on lottery for 1st estimate of 471 for 22/23 up from the 443 at start of 21/22- increase of 28 students
Staff-	<ul style="list-style-type: none">• 1 announced retirement, the position will not need to be rehired due to current staffing/caseloads• Setting interview team and scheduling interviews for German teacher position by the end of the week
Freedom-	<ul style="list-style-type: none">• Dress Code- No update
Culture-	<ul style="list-style-type: none">• Fruhlingfest 7th & 8th grade dance on March 25th
Sustainability- Finances	<ul style="list-style-type: none">• Upgrade camera on Southwest corner to increase coverage/safety- ASD researching purchase and will complete install to save Rilke money- existing camera can be used as backup or added for increased coverage.• Upgrade Guardian Security from 3G to 4G• K-8 Immersion Credit Incentive- https://www.asdk12.org/Page/13940

Monthly Expenditures 2020/21 vs. 2021/22



Cumulative Expenditures 2020/21 vs. 2021/22

Chart Area



Project Lead the Way Expansion Proposal

Prepared by Herr Honer and Herr Strauch

Available Project Lead the Way courses:

- App Creators
- Automation and Robotics
- Computer Science for Innovators and Makers
- Energy and the Environment
- Flight and Space
- Green Architecture
- Magic of Electrons
- Medical Detectives

Tentative costs for PLTW courses:

These figures represent the costs of both consumable and durable materials (i.e. those materials that can be used for multiple or subsequent years). To each price should be added the mandatory teacher training, which costs \$1200.00 per instructor.

PLTW Course	Tentative Cost for 3 x 7/8 Mixed-Grade Classes
App Creators	258.25
Automation and Robotics	31408.00
Computer for Innovators and Makers	2526.75
Energy and the Environment	5257.60
Flight and Space	2378.25
Green Architecture	2287.19
Magic of Electrons	4294.86
Medical Detectives	3762.25

Summary: Rilke Schule has successfully implemented two Project Lead the Way (hereafter referred to as PLTW) courses in the past four years. PLTW is an American nonprofit organization that develops STEM (i.e. science, technology, engineering, and mathematics) curricula for use by elementary, middle, and high school programs. By offering PLTW courses in conjunction with regular 7th/8th grade curricula at Rilke Schule, we broaden students' awareness of career opportunities in the sciences and help students cultivate the skills necessary to pursue these career fields.

PLTW courses currently offered at Rilke Schule are **Science of Technology** and **Design and Modeling**. Science of Technology is taught over the course of a semester, and Design and Modeling spans a semester.

Need statement: Herr Strauch and Herr Honer are requesting funding from Rilke Schule's Academic Policy Committee for a) teacher training for two additional PLTW courses and b) the durable and consumable materials necessary to teach the courses. Teacher training, due to Covid, can now be completed asynchronously and thus do not require travel or related expenses. Materials are available for purchase via the PLTW website.

Rilke Schule's 8th graders frequently outscore other 8th graders in the district—and state—in the annual PEAKs science assessment. PLTW courses bolster our students' breadth of knowledge in the fields of science and technology, while also fostering so-called 'hard skills,' i.e. how to use laboratory equipment and tools, operate computer hardware, etc.

Proposal: Herr Strauch and Herr Honer propose Rilke Schule begin teaching the **Science of Technology** and **Design and Modeling** in a two year rotation along with **Flight and Space** and **Medical Detectives** to eliminate the redundancy students would currently face. Flight and Space was targeted as a great fit and nod to the impact of flight within our local community while Medical Detectives was identified as a great preparatory course for students moving on to Service with their Bio Med program.

The upfront expense would be approximately \$6,140.50 for the two additional course materials (yearly cost would likely be less than half that amount for replacing consumables), along with an additional one time training cost of \$2400(per instructor).