Objectives

At the conclusion of this presentation you will:

• Understand what makes the program unique
• Understand teacher expectations and student responsibilities
• Know about technology integration including programs and applications used
• Know about field trips and parent volunteer opportunities
• Know what to expect when your student transfers into the program
• Know how to successfully complete and submit the Lottery Enrollment Application
• Understand the lottery process and know about important dates
What is the Science Technology Magnet Program?

Science Technology Magnet Program Video
Teaching Approaches & Student Learning

- Team teaching approach (2 teachers) in 2 joined classrooms
- Multi-age classroom
- Project Based Learning
- Technology used across all content areas
- Engineering Design Process
- Learning stations
- Large whole group and small group work
- Parent volunteers
- Online Portfolios
- Field trips
- Focus on community, collaboration, creativity & personal connections to real world applications
What is the same?

The standard, district adopted curriculum is used.

- Reading, Writing, Eureka Mathematics, Social Studies, science kits
- District programs like F.L.A.S.H. and 5th Grade Camp
- Students with IEP’s will have scheduled pull-out times that align with their minutes
- Students in SAGE will continue with SAGE services at the new school site
- SBA testing (+WCAS Science for 5th grade)
- Specialists- PE, Music, Library
- Behavior expectations for the classroom & school are the same as any school in district
- Students encouraged to participate in the school’s activities
Academics

Literacy Block: Reading and Writing

- **Reader’s Workshop**
  - Strategies taught using Making Meaning/ Common Core for Fiction and Non-Fiction
  - IR /Workshop/Reading Groups
  - Utilize Technology- Responses through OneNote (Office 365)
    Practice skills on Actively Learn

- **Writer’s Workshop**
  - Genres- Narrative, Information, Opinion
  - Science, tech, and social studies topics are integrated
  - Utilize technology for researching, drafting, resources, and publishing
Taught by grade level, your child attends math at their grade level.

- Eureka
- In-depth conceptual thinking and mathematical practices
- Mathematical reasoning
- Communicating mathematical ideas with words, numbers, and models
Academics

Social Studies

- District Social Studies curriculum continues next year!
- Next year: 5th grade cycle: U.S. Geography, Indigenous Peoples, Exploration and Settlement of the U.S. up through Revolutionary War
- Tech Integration- Teams, Actively Learn, Google Expeditions, PowerPoint/Office Mix, iMovie, Padlet, Quizlet, lots of presentations and group work
- Note taking strategies and emphasis on taking meaningful notes
What is unique?

✓ 4th/5th Multi-Age Classroom: 2 classrooms, 2 teachers
✓ Two year program
✓ Diverse classroom family: 50/51 students!
✓ A significant amount of collaborative group work
✓ Leadership and mentoring from older students
✓ Deeper, extended coverage of science curriculum and additional science units
✓ Units and projects involving engineering and Engineering Design process
✓ Technology integration across all subjects
✓ Greater access to technology devices and tools
✓ Lots of field trips and guest teachers
✓ Amazing parent volunteers
2020-2021 school year:

**5th Grade Curriculum**
- Social Studies
  - US Exploration and Colonization
  - Revolutionary War
  - Government
- Science
  - Space Science: Patterns of earth and Sky
  - Physical Science: Modeling matter
  - Earth Science: Earth System
  - Life Science: Ecosystem Restoration

2021-2022 school year:

**4th Grade Curriculum**
- Social Studies
  - Washington’s Earliest Time
  - Exploration of Washington
  - Washington Today
- Science
  - Physical Science: Waves, Energy and Information
  - Physical Science: Energy Conversions
  - Life Science: Vision and Light
  - Earth Science: Earth’s Features
Science ~ Field Trips

- Lots of field trips to enhance science learning
- Guest teachers/lessons
- Skype Virtual field trips
- Teachers AND students are always finding ways to go deeper, extend learning!

**Examples of Field Trips:**
- Lake Sammamish State Park
- MOHAI (Museum of History and Industry)
- Living Computer Museum
- Brightwater Treatment Plant (water sewage treatment)
- Tillicum Village
- Marine Science Afloat Boat (Spirit of 76 floating classroom)
- Mountains to Sound
Examples of Technology Integration

- 1-1 Student to Device ratio
- Laptops, desktops, Surfaces, and iPads
- Integration across all subjects
- Digital citizenship and safety
- Research skills
- Programming/coding and computer science

- Publishing, word processing, presentation tools
- Makey Makey and Microbits
- Typing
- Robotics: Spheros, Drones, Lego Mindstorms
- 3D printer
Programs & Applications Used

- Office 365/Microsoft Teams
- Actively Learn
- Google Expeditions
- Skype
- Seesaw
- Code.org
- Scratch
- PowerPoint/Publisher/Word/Excel
- Zearn
- eBooks
- Gamification
Student Responsibilities

- Daily collaboration with others
- Participating as a positive, flexible teammate in all types of groups
- Classroom jobs
- Organization of materials
- Transitioning between classrooms, teachers, and groupings
- Daily planner-home communication
- Weekly reports- reflection on behavior and work habits
- Leadership and mentoring roles
What can parents expect?

- Your child will have a period of adjustment during the fall: socially and academically
- Your child will need your positive support and guidance
- There may be increased homework or expectation to work on long-term projects. Work not completed at school is often sent home
- Daily/weekly check-ins on planner, homework, projects
- Regular communication via the classroom website, SeeSaw, weekly blog posts and other methods of communication (these vary by site)
- It is important for parents to stay up to date on classroom news
Parent Volunteer Opportunities

✓ Expect LOTS of volunteer opportunities!
✓ Parents are needed to make our program successful!

What kinds of volunteer opportunities are available?:

✓ Clerical help weekly
✓ Art Docents- monthly art lesson
✓ Field trip chaperones
✓ Opportunities to work with students in small groups

*Volunteering is not required, but highly encouraged*
Teacher Expectations

✓ Be kind
✓ Come to school ready to learn, inquire, and participate
✓ Be respectful to teachers, staff, and ALL students
✓ Be a great teammate who is collaborative and open to hearing others’ ideas
✓ Be responsible
✓ Be flexible
✓ Be willing to take risks
✓ Be safe

✓ Remember, all Science Technology Magnet Program students are also full time students at the new school site: Briarwood, Cascade Ridge or Clark. Students are expected to follow all school and district rules/expectations. They are also encouraged to get involved in the new school community by joining clubs and programs and attending school events!
Is this program a match for my child?

Student who are successful in the program already have or are interested in developing the following skills:

- Collaboration: works well with others
- Respect for to teachers and other students
- Flexibility
- Independent problem solving
- Responsibility
- Self-motivation
- Organization
- Inquiry/curiosity
- Hard-work
- Risk taking
- Seeking out challenge
Lottery Overview

✓ Students are selected using a **lottery system**.

✓ Important Dates:
  
  ✓ **Monday, April 20**\(^{th}\) ~ Enrollment Lottery Application forms due by 4:30 to the ISD District Office: 5150 220\(^{th}\) Ave SE, Issaquah, WA 98029 - *Note the new location*.
  
  ✓ **Wednesday, April 22** ~ Lottery held at 2:30 PM at the King County Library Service Center: 960 Newport Way NW, Issaquah 98027. Parking available at Target. Do not go to the Front Street King County Library location.

✓ 25 students will be drawn for Cascade Ridge and Clark and 26 for Briarwood for next year’s 4\(^{th}\) grade class.

✓ Students may participate in **one** program location lottery.

✓ All siblings, including twins, will be considered individually in the lottery.

✓ There is a wait list for each site. Students may be chosen from the wait list if an enrolled student withdraws.
How Does the Lottery Work?*

✓ You do not need to attend the lottery in person, but are welcome to.
✓ If attending in person, families get their student’s lottery number at the door.
✓ A separate lottery is conducted for each program site. (3 separate lotteries, students enter in one lottery only).
✓ The order of the lotteries is random.
✓ Within each program site lottery, the order of the schools is random.
✓ For each lottery, the picker begins by drawing a ticket from the first school and continues to the end of the line. Then the picker reverses direction and chooses from the last school and continues back to the first school.
✓ Once the class has been selected, the picker continues to select tickets for the wait list until all tickets are gone.

*The lottery is modeled after the NFL Snake Draft lottery.
Families may participate in only one lottery.

In order to submit an Enrollment Lottery Application families must have attended 1 parent information meeting at 1 of the Science Technology Magnet Program Schools, or completed the online module.

Students must submit a meaningful, hand-written paragraph explaining why they would like to attend the 4/5 Science Technology Magnet Program with the application.

For families who agree to share information, a carpool list will be provided for each site after the lottery is completed and acceptance confirmed.

Siblings may transfer to the Science Technology Magnet Program school and remain as long as the student is in the program.
Parent Declaration

Follow this link to complete the survey to confirm that you:

☑ Viewed the PowerPoint
☑ Viewed the video
☑ Believe, based on all the information provided, that the Science Technology Magnet Program is a good match for your 3rd grade student

☑ Click the link below:

Parent Declaration