

Final Deliverable
CAPACITY STUDY

## SCHOOL DISTRICT of REEDSBURG CAPACITY STUDY

This study provides an objective analysis of present site and building capabilities, and is a critical step needed to understand how today's facilities support the goals of the district. The information presented was gathered by EUA's team of professionals through on-site tours, as well as interviews with building administrators. It serves as a foundational resource document to support the development of immediate solutions as well as long-range planning.

## SITE CAPACITY ANALYSIS

The Site generally refers to the land associated with an educational facility and the improvements made on that land which include buildings, parking lots, athletic fields, etc. The total area of the land often allows or limits the number of improvements or amenities that can be offered to a specific student population. The information below analyzes the existing site area against the recommended site area for programs of that type.

The following school site information comes from the Council of Educational Facility Planners International (CEFPI) Planning Guide (now referred to as Association for Learning Environments (A4LE)):
(0) Elementary sites should be a minimum of 10 acres plus an additional acre for each 100 students.
(4) Middle School sites should be a minimum of 20 acres plus an additional acre for each 100 students.

0 High School sites should be a minimum of 30 acres plus an additional acre for each 100 students.
There are other publications with slight variation on these general best practices, but in our experience, these recommendations have provided a fairly reliable benchmark for assessing general site conditions. Of course, specific conditions (e.g. need for stadium parking, on-site septic, well, etc.) may require additional area, and in tight urban sites the benchmark numbers may be unattainable.

It should also be noted that the best practice site size assumes the entire property is buildable. If the site has easements, wetlands, open water, unsuitable soils, or drastic topography that would not lend to the construction of buildings, parking, drives, or play areas the site size would have to increase based on the size of the unbuildable area.

## SITE CAPACITY

| SCHOOL SITE | TOTAL EXISTING SITE AREA ${ }^{\text {d }}$ | CURRENT <br> ENROLLMENT (SEPT <br> 2021) | BEST PRACTICE SITE AREA |
| :---: | :---: | :---: | :---: |
| Ironton - LaValle Elementary | 8.1 acres | 23 students ${ }^{\text {e }}$ | 10 acres ${ }^{\text {a }}$ |
| Loganville Elementary | 8.0 acres | 30 students ${ }^{\text {e }}$ | 10 acres ${ }^{\text {a }}$ |
| Pineview Elementary | 30.0 acres | 308 students ${ }^{\text {e }}$ | 13 acres ${ }^{\text {a }}$ |
| Westside Elementary | 9.3 acres | 195 students ${ }^{\text {e }}$ | 12 acres ${ }^{\text {a }}$ |
| Prairie Ridge Intermediate | 75.3 acres | 508 students | 15 acres ${ }^{\text {a }}$ |
| Webb Middle School | 20.8 acres | 574 students | 26 acres ${ }^{\text {b }}$ |
| Reedsburg Area High School | 51.3 acres | 890 students | 39 acres ${ }^{\text {c }}$ |

a. Best Practice SiteAreas for Elementary Schools are based on 10 acres plus one additional acre for each 100 students.
b. Best Practice SiteAreas for Middle Schools are based on 20 acres plus one additional acre for each 100 students.
c. Best Practice Site Areas for High Schools are based on 30 acres plus one additional acre for each 100 students.
d. Total Existing Site Areas are derived from the 2016 Facilities Master Planning Document
e. For Elementary Schools, current enrollment includes the higher total of either morning or afternoon 4 K and no ECH students.

All the Reedsburg school sites are of adequate size for the students they are serving. Clearly, some of the sites are on the smaller size, but none are so drastically small that they limit current function. Some challenges may arise if a building were to require a substantial addition or if more queuing space for parents is required on-site to alleviate traffic congestion. The district should keep in mind storm water strategies may be required in the future if a building requires a substantial addition and/or increasing any hard surface pavement. These stormwater strategies, whether ponds or bioswales will require acreage that may have been previously used for student playgrounds.

## SCHOOL DISTRICT of REEDSBURG BUILDING CAPACITY METHODOLOGY

As enrollment fluctuations affect school districts nationwide, the physical capabilities of each building will determine whether or not capacity could increase beyond its present level, or if it will be necessary to move students or make changes to buildings to accommodate such enrollment shifts. This analysis should provide a guide to measure each building's capability to handle a student population and provide a measuring stick to keep up with changing needs.

## HISTORICAL PERSPECTIVE ON SCHOOL CAPACITY

It is worthwhile to briefly cover why older schools may not be able to contain the same number of students as when they were originally constructed. America's public schools can be traced back to 1640 when founders assumed families bore the responsibility of raising and educating a child. Gradually, programs were added by Federal and State mandates that have dramatically affected the educational environment. The trend of increasing responsibilities for public schools has accelerated ever since.

1900-1930
© Health Education

- Physical Education
(3) Vocational Education

1940's

- Business Education
- Art \& Music
© Speech \& Drama
© Half-Day Kindergarten
0 Lunch provided


## 1950's

(2) Expanded Science \& Math
© Expanded Art \& Music
0 Foreign Language

## 1960's

(0) Advanced Placement
(3) Head Start

- Title I (Reading)
© Consumer \& Career Education
1970's
- Special Education

1980's

- Computer Education
- English as a Second Language
- Early Childhood

0 Full-Day Kindergarten
0 At-Risk Programs
© After School Programs

## 1990's

© Expanded Computers / Internet
(2) Inclusion of Special Education Learners
© School-to-Work Programs
2000's
0 Standardized Testing

- Personalized Learning
- Common Core Standards

0 One-to-One Initiatives
© Career Readiness
(3) Maker Spaces

- Behavior Adjustment Services
- Breakfast Provisions
- Title IX (gender equality including athletics)

0 4-year-old Kindergarten

In many districts, spaces that were once used as standard classrooms have been transformed into other educational environments that act as offices, space for small group intervention, reference libraries, or other areas associated with Special Education. One of the most dramatic program requirements of the past 30 years have largely become obsolete. Computers first made their presence in schools around 1983 when a single Apple II was assigned to one building. The computer labs created in the 90's and early 2000's are now transitioning as laptops and hand-held tablets become the norm for student production and research. The bottom line is the demand on educational space is always changing, and it should be expected that buildings need to change along with those programs.

## TYPES OF CAPACITY CALCULATIONS

For this study, EUA is using (3) methods to calculate student capacity:

## 1. Functional Capacity Based on District Desired Target Class Size

Historically, building capacity has been determined by counting the number of available teaching stations and multiplying by the district's desired number of students per class. The number of students per class is set by the district based on a practical understanding of how many students a teacher can effectively manage while maintaining district expectations for quality and behavior. The following guidance has been provided by the School District of Reedsburg for the capacity calculations:

DISTRICT DESIRED TARGET CLASS SIZE

| Grade Level | 2022 District Desired Target Class Size | 2016 District Desired Target Class Size <br> (for reference only) |
| :--- | :--- | :--- |
| 4K - K | $\mathbf{1 8}$ students | 18 students |
| Grades 1-2 | 20 students | 18 students (SAGE) |
| Grades $\mathbf{3 - 5}$ | $\mathbf{2 3}$ students | $18-21$ students |
| Grades 6-12 | $\mathbf{2 5}$ students | 25 students |
| Lab Instruction | $\mathbf{2 0}$ students | 20 students |

As a frame of reference, the class size goals for this 2021 Capacity Study have been adjusted since the 2016 Facilities Master Plan. Naturally, the building capacities will change when the desired class sizes change, even without accounting for the number of the individual learning spaces.

At the elementary level, only regular homerooms are included in the capacity analysis because students remain in their assigned classroom most of the day. At the middle and high school level, all regularly scheduled instructional spaces are used in the calculation because students are not expected to return to a homeroom after instruction in other spaces. Several areas are not included in this calculation:

0 Special education rooms are not typically included because it is unlikely that other students would fill the seats of these students while they are receiving additional instruction elsewhere in the building.
(0) Most resource areas and labs are not factored into this calculation because these areas are intended to supplement instruction for learning areas located somewhere else in the school. For example, a computer lab dedicated to an English Department would not be included if students who use the lab are simultaneously assigned to another classroom space.

The number generated by this calculation is sometimes referred to as the "Maximum Capacity" for the building. This number, however, can be misleading because it is unlikely that every room will be used at $100 \%$ capacity all the time. At the middle and high school levels, the capacity calculation needs to account for teacher prep time, bell schedules, and tutoring needs which would drop the total utilization of any one space. Even at the elementary school level, because of fluctuations in student population it is impractical to expect every classroom to be filled completely to maximum capacity in any given school year. Taking school schedules, programmatic issues, and fluctuations in student populations into consideration, the Maximum Capacity is multiplied by a utilization rate to create the final "Functional Capacity."

Utilizations rates can very district-to-district depending on school size, scheduling procedure, and availability of resource space. Target utilization rates, however, generally fall within the following ranges:
© Elementary schools: 90-95\% utilization
(3) Middle and high schools: 70-80\% utilization

When the maximum capacity is modified to reflect the appropriate utilization rate, the resulting Functional Capacity based on District Desired Target Class Size provides a reasonably accurate representation of how many students a school can accommodate with little or no change to room configuration or staffing policies.

## 2. Functional Capacity Based on Learning Environment Area

While class size calculations provide a reasonable estimation of capacity based on current room usage, they do not account for spaces whose physical areas are either too small or too large for their intended uses. They also do not readily account for the potential of non-traditional learning spaces outside of classroom environments. To better understand what a building's potential capacity could be, a space by space analyses of available learning area is often required.

Based on the best practice data currently available, it is possible to define the square footage (SF) per student needed for optimum performance in each learning space:
(0) Kindergarten Level Learning Areas (4K and 5K): 50-60 SF per student

0 Elementary Grade Level Learning Areas (1-5): $30-40$ SF per student
(0) Middle/High School Level Learning Areas (6-12): $25-35$ SF per student

Specialty instruction areas like shops, art rooms, and lab spaces have their own "Best Practice" square foot allowances per student. To calculate the total capacity of a building, then, each academic space is analyzed to determine its area in square feet (SF). This area is then divided by the recommended SF/ student to determine the maximum number of occupants for each learning space.

The Maximum Capacity can then be calculated by totaling the number of occupants in each individual learning space. As in method one, at the elementary level, only "homeroom" learning environments are included in the calculation, whereas all available instructional spaces are included at the middle and high school levels. This resulting Maximum Capacity is multiplied by the target utilization rate to determine the final Functional Capacity.

The Functional Capacity based on Learning Area provides a clearer picture of what a building's capacity could be if all learning areas were utilized at optimal efficiencies. It is important to note that achieving this level of efficiency may have direct impacts on staffing procedures, or even require the reconfiguration of space. For example, two extra-large classrooms may contain enough area within them to support three classes worth of students. To utilize that potential, however, additional staff may be required to support the unusually large class sizes, or the spaces may need to be reconfigured to create three individual rooms.

## 3. Capacity Based on Gross Building Area

Gross Building Area refers to the total size of the building including instructional space, support space, mechanical space, circulation and walls. Capacity Based on Gross Building Area, then, is a more general calculation which evaluates the capacity based not only on learning space, but on guidelines for total building area per student.

Total building area standards are derived from historic data compilation, optimal planning models for space utilization, and from regional and national educational research and planning organizations. There is no recognized national standard for school size, and only a few states publish area guidelines. The Minnesota Department of Children, Families \& Learning - Guide for Planning Construction Projects (Published 2002) is one such guideline. It provides a range of acceptable areas based on school size. Smaller schools generally require more area per student than larger schools.
© Elem. School: 125 - 155 sq. ft. per student
(3) Middle School: 170 - 200 sq. ft. per student

0 High School: $200-320$ sq. ft. per student
We have found these ranges to be reasonably consistent with gross square footage of school building projects built in Wisconsin over the past fifteen years.
(2) Elem. School: 125 - 170 sq.ft. per student

0 Middle School: 150 - 220 sq.ft. per student
High School: 200 - 260 sq.ft. per student

These two sources of information can be averaged to create a recommended area per student for each building type. The Capacity based on Gross Building Area can then be calculated by dividing the existing building SF by the average recommended SF per student. The resulting data can then be used as an indicator for how the school compares with regional norms.

Gross building area per student recommendations are often used as a baseline guide for planning and analysis. For existing schools, however, capacity calculations based on Gross Building Area can serve as indicators for overall building efficiencies. Lower SF to student ratios would typically indicate that there is less auxiliary or support space present within the building. High SF per student numbers may reflect the presence of amenities that may not always be typical for schools of comparable size (i.e. more specialist or intervention space, more gym or cafeteria space, auditorium space, etc.). Smaller schools are typically less efficient than larger schools.

## SCHOOL DISTRICT OF REEDSBURG BUILDING CAPACITY SUMMARY

It is important to note that the capacity of a building can change over time, even if the building footprint does not. Over the past decade, recommended space provided per student has increased as teaching methodologies have evolved, and student learning now occurs in a variety of ways and in many nontraditional environments. Factors that have historically impacted school district capacity across the state of Wisconsin have included:

0 Space needs to support learning environments for small and large-group collaboration
0 Space needs to accommodate technology use, equipment and infrastructure

- Space needs to support children with special needs in the least restrictive environments
- Space needs to support title IX equitable athletic opportunities
© Space needs to support specialists/interventionists, speech, occupational and physical therapy services and Title I programs
© Space needs to support increased community use of school facilities and site

The following table summarizes current enrollment versus calculated capacities in each school:


[^0]
## Ironton - LaValle Elementary School Building Capacity Summary

Ironton - LaValle Elementary serves grades first through second grade for the School District of Reedsburg. The school is configured as a one-section elementary. As of September 2021, enrollment as documented was 23 students. For the purposes of this study, capacity was calculated in three different ways.
(2) Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 90 students, which would mean that the building is well under capacity and could theoretically support an additional 67 students over current enrollment. In order to realize this full capacity, one room currently utilized as a workroom would have to be returned to a core classroom. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.
(2) Functional Capacity based on Learning Area yields a larger capacity of 111 students. Based on learning area, the building is also under capacity by 88 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be slightly oversized to meet the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.

0 Capacity based on Gross Building Area suggests a capacity of 149 students. This means that the overall size of the building is close to what would be expected based on calculated capacity. The alignment of this number with the other numbers also tends to indicate that there is an appropriate level of support space including circulation areas, specialists, physical education, and other amenities. It is important to note, however, due to the age of the building and the educational design philosophy of the time, that there is very little space in the building dedicated to student breakout and collaboration space outside of the primary classroom environment.

## CONCLUSION

Based on all three calculations, Ironton-LaValle is vastly under capacity, and there is room for growth in this facility. Special Education could be provided in one of the available office spaces or in a core classroom if the need and availability was warranted. The Main Office space is in a core classroom and has space available to also serve as the staff workroom. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Ironton - LaValle Elementary Capacity Calculation

## Revised 11.19.2021

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## Ironton-LaValle Elementary

| Room Number | Room Name | Room <br> Area (SF) | Capacity by Desired Class Size | Capacity by Learning Area | Capacity by Gross Building Area of 20,288 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Main Office | 889 |  |  |  |  |
|  | Workroom | 889 | 20 | 25 |  | Could be combined with main office |
|  | 2nd Grade | 889 | 20 | 25 |  |  |
|  | Open Classroom | 889 | 20 | 25 |  | Could be a core classroom |
|  | Music | 889 |  |  |  | Could move to IMC with remodeling |
|  | Open Classroom | 889 | 20 | 25 |  | Could be a core classroom |
|  | 1st Grade | 1193 | 20 | 22 |  |  |
|  | IMC / Comp Lab | 2967 |  |  |  | Large for the school capacity |
|  | Guidance | 285 |  |  |  |  |
|  | Art | 1182 |  |  |  |  |
|  | Open Speech/Lang/SE | 324 |  |  |  |  |
|  | Gym / Cafeteria | 2667 |  |  |  | Cafeteria $2667 / 20=133$ seating |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 100 | 123 | 149 |  |
|  | Functional Capacity (90\%) |  | 90 | 111 |  |  |
|  | Sept 2021 Enrollment | 23 |  |  |  |  |

## Ironton - LaValle Elementary Room Designation


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## Loganville Elementary School Building Capacity Summary

Loganville Elementary serves grades first through third grade for the School District of Reedsburg. The school is configured as a one-section elementary. As of September 2021, enrollment as documented was 30 students. For the purposes of this study, capacity was calculated in three different ways.
(0) Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of $\mathbf{9 0}$ students, which would mean that the building is well under capacity and could theoretically support an additional 60 students over current enrollment. In order to realize this full capacity, one room currently utilized as a workroom would have to be returned to a core classroom. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.
(0) Functional Capacity based on Learning Area yields a larger capacity of 111 students. Based on learning area, the building is also under capacity by 88 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be slightly oversized to meet the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.
(0) Capacity based on Gross Building Area suggests a capacity of 153 students. This means that the overall size of the building is close to what would be expected based on calculated capacity. The alignment of this number with the other numbers also tends to indicate that there is an appropriate level of support space including circulation areas, specialists, physical education and other amenities. It is important to note, however, due to the age of the building and the educational design philosophy of the time, that there is very little space in the building dedicated to student breakout and collaboration space outside of the primary classroom environment.

## CONCLUSION

Based on all three calculations, Loganville is vastly under capacity, and there is room for growth in this facility. Special Education could be provided in one of the available office spaces or in a core classroom if the need and availability was warranted. The Main Office space is in a core classroom and has space available to also serve as the staff workroom. The Cafeteria is in a core classroom and could be shared with the gymnasium based on the size of the student population. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Loganville Elementary Capacity Calculation

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## Loganville Elementary

| Room Number | Room Name | $\begin{gathered} \text { Room } \\ \text { Area (SF) } \end{gathered}$ | Capacity by Desired Class Size | Capacity by Learning Area | Capacity by Gross Building Area of 22,904 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Computer Lab | 583 |  |  |  |  |
|  | Main Office | 867 |  |  |  | could include workroom |
|  | Open Classroom | 867 | 20 | 25 |  |  |
|  | Cafeteria | 867 | 20 | 25 |  | Could be a core classroom |
|  | Open Classroom | 867 | 20 | 25 |  |  |
|  | Music | 867 |  |  |  | Could move to IMC with remodeling |
|  | 1st/2nd grade | 1340 | 20 | 24 |  |  |
|  | Art | 1031 |  |  |  |  |
|  | 3rd Grade | 854 | 20 | 24 |  |  |
|  | Work Room | 400 |  |  |  | Could be a Special Ed room |
|  | Staff Lounge | 505 |  |  |  |  |
|  | Gym (could also be Cafeteria) | 3888 |  |  |  | Cafeteria 3888/20 $=194$ students |
|  | IMC | 2430 |  |  |  |  |
|  | Speech | 130 |  |  |  |  |
|  | Speech | 181 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 100 | 123 | 153 |  |
|  | Functional Capacity (90\%) |  | 90 | 111 |  |  |
|  | Sept 2021 Enrollment | 30 |  |  |  |  |

## Loganville Elementary Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report
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## Pineview Elementary School Building Capacity Summary

Pineview Elementary serves grades 4 K through second grade for the School District of Reedsburg. The school is configured as a five-section elementary. As of September 2021, enrollment as documented was 308 students if you account for the largest of the AM/PM 4 K and not include the early childhood students. For the purposes of this study, capacity was calculated in three different ways.
> (2) Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 293 students, which would mean that the building is slightly over capacity by 15 students. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.
> (0) Functional Capacity based on Learning Area yields a larger capacity of $\mathbf{4 0 2}$ students. Based on learning area, the building is under capacity by 94 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be slightly oversized to meet the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.
> © Capacity based on Gross Building Area suggests a capacity of 477 students. This means that the overall size of the building is larger than what would be expected based on calculated capacity. The resulting capacity calculation implies there are spaces in this building that are larger than typical for the student population and there are dedicated spaces that do not contribute to the building capacity. It is important to note, however, due to the age of the building and the educational design philosophy of the time, that there is very little space in the building dedicated to student breakout and collaboration space outside of the primary classroom environment.

## CONCLUSION

Based on all three calculations, the story around Pineview is complex. The capacity numbers imply individual classrooms are large for the number of students being served, and the building has a number of large spaces dedicated to students who don't contribute to capacity. Specifically, Special Education is being delivered in large core classrooms which is not typical for many school districts. The capacity of the school could be increased if several of the current Special Education spaces were reconfigured to be more efficient and/or if the delivery of Special Education was reimagined to be more immersed into the core classrooms. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Pineview Elementary Capacity Calculation

## Revised 11.19.2021

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Pineview Elementary

| Room Number | Room Name | $\begin{gathered} \text { Room } \\ \text { Area (SF) } \\ \hline \end{gathered}$ | Capacity by Desired Class Size | Capacity by <br> Learning Area | Capacity by Gross Building Area of 71,486 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 100 | Special Ed | 875 |  |  |  | Could be a core classroom |
| 101 | 2nd Grade | 914 | 20 | 26 |  |  |
| 102 | 2nd Grade | 1066 | 20 | 30 |  |  |
| 103 | Speech | 490 |  |  |  |  |
| 104 | Intervention | 933 |  |  |  | Could be a core classroom |
| 105 | 2nd Grade | 933 | 20 | 27 |  |  |
| 106 | 1st Grade | 1066 | 20 | 30 |  |  |
| 107 | Pupil Services | 490 |  |  |  |  |
| 108 | 1st Grade | 913 | 20 | 26 |  |  |
| 109 | Intervention | 959 |  |  |  | Could be a core classroom |
| 110 | Instructional Coach Office | 691 |  |  |  |  |
| 112 | 1st Grade | 995 | 20 | 28 |  |  |
| 113 | 1st Grade | 960 | 20 | 27 |  |  |
| 114 | 1st Grade | 977 | 20 | 28 |  |  |
| 115 | 2nd Grade | 977 | 20 | 28 |  |  |
| 116 | 2nd Grade | 977 | 20 | 28 |  |  |
| 117 | Special Ed | 912 |  |  |  | Could be a core classroom |
| 118 | Guidance | 283 |  |  |  |  |
| 119 | Sensory |  |  |  |  |  |
| 120 | Speech | 283 |  |  |  |  |
| 121 | Special Ed | 912 |  |  |  | Could be a core classroom |
| 122 | Special Ed | 977 |  |  |  | Could be a core classroom |
| 123 | After School Office | 891 |  |  |  | Could be a core classroom |
| 124 | Kindergarten | 1269 | 18 | 23 |  |  |
| 125 | Kindergarten | 1371 | 18 | 25 |  |  |
| 126 | Kindergarten | 1274 | 18 | 23 |  |  |
| 127 | Nurse | 655 |  |  |  |  |
| 128 | OT/PT |  |  |  |  |  |
| 129 | 4K PM | 1500 | 18 | 27 |  |  |
| 130 | 4K AM/PM | 1100 | 18 | 20 |  |  |
| 131 | ECH |  |  |  |  |  |
| 132 | OT/PT |  |  |  |  |  |
| 134 | Kindergarten | 1471 | 18 | 27 |  |  |
| 135 | Kindergarten | 1198 | 18 | 22 |  |  |
| 136 | Art | 932 |  |  |  |  |
| 137 | Music | 932 |  |  |  |  |
|  | Gym | 5530 |  |  |  |  |
|  | Cafeteria | 2666 |  |  |  | Cafeteria $2666 / 20=133$ students |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 326 | 446 | 477 |  |
|  | Functional Capacity (90\%) |  | 293 | 402 |  |  |
|  | Sept 2021 Enrollment | 308* |  |  |  |  |

*Total September 2021 Enrollment of 340 has been adjusted to to reflect PM (larger) 4K enrollment and no ECH students

SECTION 1 | PAGE 20

## Pineview Elementary Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report
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## Westside Elementary School Building Capacity Summary

Westside Elementary serves grades 4 K through second grade for the School District of Reedsburg. The school is configured as a three-section elementary. As of September 2021, enrollment as documented was 188 students if you account for the largest of the AM/PM 4 K and not include the early childhood students. For the purposes of this study, capacity was calculated in three different ways.
> © Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 189 students, which would mean that the building is slightly over capacity by 1 student. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.

> 0 Functional Capacity based on Learning Area yields a larger capacity of $\mathbf{2 5 1}$ students. Based on learning area, the building is under capacity by 63 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be slightly oversized to meet the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.
> © Capacity based on Gross Building Area suggests a capacity of $\mathbf{2 6 3}$ students. This means that the overall size of the building is larger than what would be expected based on calculated capacity. The resulting capacity calculation implies there are spaces in this building that are larger than typical for the student population and there are dedicated spaces that do not contribute to the building capacity. It is important to note, however, due to the age of the building and the educational design philosophy of the time, that there is very little space in the building dedicated to student breakout and collaboration space outside of the primary classroom environment.

## CONCLUSION

Based on all three calculations, the story around Westside is complex. The capacity numbers imply individual classrooms are large for the number of students being served, and the building has a number of large spaces dedicated to students who don't contribute to capacity. Specifically, Special Education is being delivered in large core classrooms which is not typical for many school districts. The capacity of the school could be increased if several of the current Special Education spaces were reconfigured to be more efficient and/or if the delivery of Special Education was reimagined to be more immersed into the core classrooms. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Westside Elementary Capacity Calculation

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Westside Elementary

| Room Number | Room Name | Room <br> Area (SF) | $\begin{gathered} \text { Capacity by } \\ \text { Desired Class } \\ \text { Size } \\ \hline \end{gathered}$ | Capacity by Learning Area | Capacity by Gross Building Area of 39,412 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 209 | Special Ed | 758 |  |  |  |  |
| 208 | 2nd Grade | 974 | 20 | 28 |  |  |
| 207 | 2nd Grade | 949 | 20 | 27 |  |  |
| 206 | Intervention | 956 |  |  |  |  |
| 205 | Special Ed | 963 |  |  |  | Could be a core classroom |
|  | Speech | 283 |  |  |  |  |
|  | IMC | 2768 |  |  |  |  |
|  | OT/PT |  |  |  |  |  |
| 203 | 2nd Grade | 976 | 20 | 28 |  |  |
| 202 | Bilingual | 1048 |  |  |  |  |
|  | Gym / Cafeteria | 3367 |  |  |  | Cafeteria $3367 / 20=168$ |
| 201 | Staff Lounge | 909 |  |  |  |  |
| 111 | 4K AM/PM | 1224 | 18 | 22 |  |  |
| 110 | Kindergarten | 1190 | 18 | 22 |  |  |
| 109 | Kindergarten | 1075 | 18 | 20 |  |  |
| 108 | Art | 1076 |  |  |  |  |
| 107 | Music | 1039 |  |  |  |  |
| 106 | 1st Grade | 1041 | 20 | 30 |  |  |
| 105 | 1st Grade | 1015 | 20 | 29 |  |  |
| 104 | 1st Grade | 1015 | 20 | 29 |  |  |
| 103 | Special Ed | 1015 |  |  |  | Could be a core classroom |
| 102 | Kindergarten | 1015 | 18 | 18 |  |  |
| 101 | Kindergarten | 1480 | 18 | 27 |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 210 | 279 | 263 |  |
|  | Functional Capacity (90\%) |  | 189 | 251 |  |  |
|  | Sept 2021 Enrollment | 188* |  |  |  |  |

[^1]
## Westside Elementary Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report

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## Prairie Ridge Intermediate School <br> Building Capacity Summary

Prairie Ridge Intermediate serves grades third through fifth grade for the School District of Reedsburg. The school is configured as an eight-section elementary. As of September 2021, enrollment as documented was 508 students. For the purposes of this study, capacity was calculated in three different ways.

0 Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 476 students, which would mean that the building is over capacity by 32 students. The building was designed as a nine-section school, but at least one core classroom in each wing is being used as an additional Special Education space. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.
(0) Functional Capacity based on Learning Area yields a larger capacity of 511 students. Based on learning area, the building is under capacity by 2 students. This calculation means the learning spaces are appropriately sized for the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.
(1) Capacity based on Gross Building Area suggests a capacity of 682 students. This means that the overall size of the building is larger than what would be expected based on calculated capacity. The resulting capacity calculation implies there are spaces in this building that are larger than typical for the student population and there are dedicated spaces that do not contribute to the building capacity.

## CONCLUSION

Based on all three calculations, the story around Prairie Ridge is transparent. The capacity numbers imply individual classrooms are appropriately sized for the number of students being served, and the building has several large spaces dedicated to students who don't contribute to capacity. Specifically, Special Education is being delivered in large core classrooms which is not typical for many school districts. The capacity of the school could be increased if several of the current Special Education spaces were reconfigured to be more efficient and/or if the delivery of Special Education was reimagined to be more immersed into the core classrooms. The building footprint and site does allow for an addition to each grade wing if one would be warranted with future needs. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Prairie Ridge Intermediate Capacity Calculation

eppstein uhen : architects

## Prairie Ridge Intermediate

| Room Number | Room Name | Room Area (SF) | Capacity by Desired Class Size | Capacity by Learning Area | Capacity by Gross Building Area of 102,260 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A119 | Gym | 12685 |  |  |  |  |
| A126 | Art | 985 |  |  |  |  |
| A129 | Music | 1057 |  |  |  |  |
| A133 | Cafeteria | 3569 |  |  |  | Cafeteria 3569/20 $=178$ students |
| B108 | IMC | 1903 |  |  |  |  |
| B115 | Guidance | 380 |  |  |  |  |
| B118 | ESL | 299 |  |  |  |  |
| B119 | Math Intervention | 313 |  |  |  |  |
| B120 | Reading Intervention | 366 |  |  |  |  |
| B121 | Speech / Lang | 178 |  |  |  |  |
| B122 | Speech / Lang | 177 |  |  |  |  |
| B123 | OT/PT | 491 |  |  |  |  |
| B126 | Intervention | 835 |  |  |  |  |
| B114 | Small Group Intstruction | 347 |  |  |  |  |
| C102 | Special Education | 859 |  |  |  | could be a core classroom |
| C104 | 3rd Grade | 869 | 23 | 25 |  |  |
| C106 | 3rd Grade | 854 | 23 | 24 |  |  |
| C107 | 3rd Grade | 869 | 23 | 25 |  |  |
| C109 | 3rd Grade | 862 | 23 | 25 |  |  |
| C110 | 3rd Grade | 862 | 23 | 25 |  |  |
| C112 | 3rd Grade | 869 | 23 | 25 |  |  |
| C113 | 3rd Grade | 854 | 23 | 24 |  |  |
| C115 | 3rd Grade | 869 | 23 | 25 |  |  |
| C117 | Special Education | 752 |  |  |  |  |
| D102 | Special Education | 859 |  |  |  | could be a core classroom |
| D104 | 4th Grade | 869 | 23 | 25 |  |  |
| D106 | Special Education | 854 |  |  |  | could be a core classroom |
| D107 | 4th Grade | 869 | 23 | 25 |  |  |
| D109 | 4th Grade | 862 | 23 | 25 |  |  |
| D110 | 4th Grade | 862 | 23 | 25 |  |  |
| D112 | 4th Grade | 869 | 23 | 25 |  |  |
| D113 | 4th Grade | 854 | 23 | 24 |  |  |
| D115 | 4th Grade | 870 | 23 | 25 |  |  |
| D117 | Special Education | 755 |  |  |  |  |
| E102 | Special Education | 859 |  |  |  | could be a core classroom |
| E104 | 5th Grade | 869 | 23 | 25 |  |  |
| E106 | 5th Grade | 853 | 23 | 24 |  |  |
| E107 | 5th Grade | 869 | 23 | 25 |  |  |
| E109 | 5th Grade | 862 | 23 | 25 |  |  |
| E110 | 5th Grade | 863 | 23 | 25 |  |  |
| E112 | 5th Grade | 870 | 23 | 25 |  |  |
| E113 | 5th Grade | 854 | 23 | 24 |  |  |
| E115 | 5th Grade | 870 | 23 | 25 |  |  |
| E117 | Special Education | 756 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 529 | 568 | 682 |  |
|  | Functional Capacity (90\%) |  | 476 | 511 |  |  |
|  | Sept 2021 Enrollment | 508 |  |  |  |  |

SECTION 1| PAGE 25

## Prairie Ridge Intermediate Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report
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## Webb Middle School

## Building Capacity Summary

Webb Middle School serves grades sixth through eighth grade for the School District of Reedsburg. Based on conversations with the Principal, the educational spaces are $80 \%$ efficient in relation to usage. As of September 2021, enrollment as documented was 574 students. For the purposes of this study, capacity was calculated in three different ways.

0 Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 612 students, which would mean that the building is under capacity by 38 students. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.
(0) Functional Capacity based on Learning Area yields a larger capacity of 755 students. Based on learning area, the building is under capacity by 181 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be oversized in comparison to the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.

0 Capacity based on Gross Building Area suggests a capacity of 590 students. This means that the overall area of the building is appropriately sized for the current student enrollment. Seeing as this building was originally designed as the High School and was later converted to be the Middle School, it's not surprising to see the close correlation with this capacity calculation.

## CONCLUSION

Based on all three calculations, capacity does not tell the entire story of Webb. The capacity numbers imply individual classrooms are larger than necessary for the number of students being served in each space. Specifically, the Art and Tech Ed spaces are "vast" for the curriculum in each space. The real story about Webb has more to do with the future vision of the School District. Appropriately, the district has a newer High School that serves the entire district and a new Intermediate school that serves the entire district. Sandwiched in between, is the dated Middle School which was never designed to serve that age of students and it is located on a site which tends to flood. The district should consider giving this grade level some attention in the future. The Diagrams on the following pages illustrate the current building utilization, and the calculations used to generate the building capacities.

## Webb Middle School Capacity Calculation <br> Revised 01.06.2022

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Webb Middle School

| Room Number | Room Name | Room Area (SF) | Capacity by Desired Class Size | Capacity by Learning Area | Capacity by <br> Gross Building <br> Area of 106,224 <br> sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30A | Classroom | 969 | 25 | 32 |  | large room |
| 30B | Classroom | 969 | 25 | 32 |  | large room |
| 30 C | Classroom | 833 | 25 | 28 |  |  |
| 34 | Special Education | 833 |  |  |  | could be a core classroom |
| 36 | Classroom | 969 | 25 | 32 |  | large room |
| 36B | Student Support | 510 |  |  |  |  |
| 38B | Classroom | 1235 | 25 | 41 |  | large room |
| 38A | Classroom | 1103 | 25 | 37 |  | large room |
| 45 | Special Education | 1506 |  |  |  |  |
| 44 | Art | 2265 | 25 | 45 |  | large room |
| 42 | Tech Ed Lab | 3950 |  |  |  | Used with Classroom 57 |
| 40 | Study Hall | 1056 | 25 | 35 |  |  |
| 57 | Tech Ed Classroom | 1200 | 20 | 24 |  |  |
| 10 | Classroom | 786 | 25 | 26 |  |  |
| 12 | Classroom | 783 | 25 | 26 |  |  |
| 14 | Classroom | 783 | 25 | 26 |  |  |
| 16 | Classroom | 786 | 25 | 26 |  |  |
| 18 | Intervention | 318 |  |  |  |  |
|  | IMC | 2898 |  |  |  |  |
| 17 | Science Lab | 1434 | 25 | 29 |  | large room |
| 15 | Classroom | 822 | 25 | 27 |  |  |
| 13 | Special Education | 822 |  |  |  | could be a core classroom |
| 11 | Classroom | 744 | 25 | 25 |  |  |
| 9 | Special Education | 822 |  |  |  | could be a core classroom |
| 41 | FaCE | 1334 | 20 | 27 |  |  |
| 43 | FaCE | 1587 |  |  |  | Used with Classroom 41 |
| 39 | Special Education | 647 |  |  |  |  |
| 37B | Classroom | 771 | 25 | 26 |  |  |
| 37A | Classroom | 821 | 25 | 27 |  |  |
| 35 | Classroom | 821 | 25 | 27 |  |  |
| 33 | Classroom | 821 | 25 | 27 |  |  |
| 31 | Classroom | 963 | 25 | 32 |  | large room |
| 25 | Classroom | 894 | 25 | 30 |  |  |
| 23 | Science Lab | 1630 | 25 | 33 |  | large room |
| 24 | Special Education | 917 |  |  |  | could be a core classroom |
| 22 | Science Lab | 1138 | 25 | 23 |  |  |
| 20 | Science Lab | 1295 | 25 | 26 |  |  |
| 53 | Special Education | 1060 |  |  |  | could be a core classroom |
| 55 | Health | 1080 | 25 | 36 |  | large room |
|  | Band/Orchestra | 2496 | 25 | 50 |  | large room |
|  | Weight | 2992 |  |  |  | Used as a Gym Station |
| 61 | Choir | 1300 | 25 | 37 |  |  |
|  | Gym | 11090 | 50 | 50 |  | two classes at a time |
|  | Cafeteria | 3626 |  |  |  | Cafeteria $3626 / 20=181$ students |
|  | Stage | 1454 |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 765 | 943 | 590 |  |
|  | Functional Capacity (80\%) |  | 612 | 755 |  |  |
|  | Sept 2021 Enrollment | 574 |  |  |  |  |

SECTION 1 | PAGE 32

## Webb Middle School Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report

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## Reedsburg Area High School Building Capacity Summary

Reedsburg Area High School serves grades nineth through twelfth grade for the School District of Reedsburg. Based on conversations with the Principal, the educational spaces are $80 \%$ efficient in relation to usage. As of September 2021, enrollment as documented was 890 students. For the purposes of this study, capacity was calculated in three different ways.

0 Functional Capacity based on District Desired Class Size is the method that most realistically captures capacity for the building in its existing configuration. This calculation yields a functional capacity of 992 students, which would mean that the building is under capacity by 102 students. This calculation, however, does not consider the size of the individual classrooms, or the need for support space outside of the classroom.

0 Functional Capacity based on Learning Area yields a larger capacity of 1259 students. Based on learning area, the building is under capacity by 369 students. The disparity between this capacity total verses the capacity by district desired class size is indicative of classrooms that may be oversized in comparison to the district's maximum class size goals. However, this calculation still does not account for the amount of support space outside of the classroom.

0 Capacity based on Gross Building Area suggests a capacity of 964 students. This means that the overall area of the building is appropriately sized for the current student enrollment. The total area of the school includes the theater and the new fitness center which was recently added.

## CONCLUSION

Based on all three calculations, the building appears to be comfortably under capacity. Many of the educational spaces are large for the number of students being served. Similar to the story in the other schools, Special Education occupies several rooms which could be core classrooms if the need arises. Several rooms in the building do not have a dedicated full-time instructor, which reduces the utilization of the room and does not allow it to contribute to capacity. If there is a need to serve more students in the future, hiring more full-time staff would allow the building to be more utilized and that would add capacity without making any physical changes to the building. There are also opportunities to reimagine the way some rooms are being used. A slight change in curriculum delivery could make some Tech Ed spaces more useful for a greater range of students interested in Agricultural Sciences and Pre-Engineering careers.

## Reedsburg Area HighSchool Capacity Calculation <br> Revised $\quad 01.06 .2022$


eppstein uhen : architects
Reedsburg Area High School

| Room Number | Room Name | Room Area (SF) | Capacity by Desired Class Size | Capacity by Learning Area | Capacity by Gross Building Area of 221,818 sf | Notes |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Metals Lab | 3839 |  |  |  | used with Metals Classroom |
|  | Metals Classroom | 666 | 20 | 22 |  |  |
|  | Woods Lab | 4403 | 20 | 44 |  |  |
|  | Auto Lab | 3187 |  |  |  | Used with Auto Classroom |
|  | Auto Classroom | 666 | 20 | 22 |  |  |
|  | Agriculture | 713 | 20 | 24 |  |  |
|  | Animal | 886 |  |  |  | Used with Agriculture Classroom |
|  | Clean Room | 833 |  |  |  | Used with Agriculture Classroom |
|  | Greenhouse | 917 |  |  |  | Used with Agriculture Classroom |
|  | Agriculture | 817 | 20 | 27 |  |  |
|  | Science Lab | 1875 | 25 | 38 |  | Room is large |
|  | Science Lab | 1684 | 25 | 34 |  | Room is large |
|  | Science Lab | 1681 | 25 | 34 |  | Room is large |
|  | Science Lab | 1568 | 25 | 31 |  | Room is large |
|  | Science Lab | 1583 | 25 | 32 |  | Room is large |
|  | Science Lab | 1491 | 25 | 30 |  | Room is large |
|  | Science Classroom | 915 | 25 | 31 |  |  |
|  | Math | 968 | 25 | 32 |  |  |
|  | Math | 968 | 25 | 32 |  |  |
|  | Math | 968 | 25 | 32 |  |  |
|  | Art | 970 | 25 | 19 |  | Room is small |
|  | Art | 1650 | 25 | 33 |  | Room is large |
|  | Math | 928 | 25 | 31 |  |  |
|  | Math | 928 | 25 | 31 |  |  |
|  | Math | 928 | 25 | 31 |  |  |
|  | Business | 1124 | 25 | 32 |  |  |
|  | Math | 911 | 25 | 30 |  |  |
|  | Drivers Ed | 1105 | 25 | 32 |  |  |
|  | FaCE Lab | 1251 | 20 | 25 |  |  |
|  | FaCE Lab | 1251 |  |  |  | Shared with other FaCE room |
|  | Special Ed | 700 |  |  |  |  |
|  | Special Ed | 700 |  |  |  |  |
|  | Special Ed | 700 |  |  |  |  |
|  | Choir | 1355 | 25 | 45 |  | Room is large |
|  | Orchestra | 1179 | 25 | 24 |  |  |
|  | Band | 2571 | 25 | 51 |  | Room is large |
|  | Cafeteria | 5577 |  |  |  | Cafeteria $5577 / 20=278$ students |
|  | Large Gym | 13900 | 50 | 50 |  | (2) sections |
|  | Small Gym | 7928 | 25 | 26 |  | (1) section |
|  | Weight Room | 5000 | 25 | 26 |  | (1) section |
|  | Wrestling Room | 5000 |  |  |  | not used for PE |
|  | Gymnastics | 4500 |  |  |  | not used for PE |
|  | Health | 1629 | 25 | 54 |  | room is large |
|  | IMC |  |  |  |  |  |
|  | Open Classroom | 962 | 25 | 32 |  | Previous Computer Lab |
|  | Special Ed | 700 |  |  |  |  |
|  | LGI | 1314 |  |  |  | used as lab or other classrooms |
|  | Special Ed | 700 |  |  |  |  |
|  | Instructional Coach Office | 700 |  |  |  |  |
|  | Special Ed | 820 |  |  |  | could be a core classroom |
|  | Special Ed | 820 |  |  |  | could be a core classroom |
|  | Special Ed | 820 |  |  |  | could be a core classroom |
|  | Special Ed | 820 |  |  |  | could be a core classroom |
|  | Special Ed | 820 |  |  |  | could be a core classroom |
|  | Intervention | 860 |  |  |  | could be a core classroom |
|  | Foreign Language | 900 | 25 | 30 |  |  |
|  | Special Ed | 900 |  |  |  | could be core classroom |
|  | Intervention | 780 |  |  |  |  |
|  | English | 900 | 25 | 30 |  |  |
|  | ESL | 1354 |  |  |  | room is large |
|  | English | 900 | 25 | 30 |  |  |
|  | English | 900 | 25 | 30 |  |  |
|  | Social Studies | 900 | 25 | 30 |  |  |
|  | Tech Ed Lab | 761 | 20 | 25 |  |  |
|  | Social Studies | 920 | 25 | 31 |  |  |
|  | Social Studies | 920 | 25 | 31 |  |  |
|  | Social Studies | 920 | 25 | 31 |  |  |
|  | Social Studies | 920 | 25 | 31 |  |  |
|  | Social Studies | 920 | 25 | 31 |  |  |
|  | Tech Ed Lab | 1360 |  |  |  | used with other tech ed space |
|  | Computers | 1154 | 25 | 23 |  |  |
|  | Television | 800 |  |  |  | used with computer classroom |
|  | English | 920 | 25 | 31 |  |  |
|  | English | 920 | 25 | 31 |  |  |
|  | English | 920 | 25 | 31 |  |  |
|  | English | 920 | 25 | 31 |  |  |
|  | Foreign Language | 936 | 25 | 31 |  |  |
|  | Foreign Language | 936 | 25 | 31 |  |  |
|  |  |  |  |  |  |  |
|  | Max Capacity |  | 1240 | 1574 | 964 |  |
|  | Functional Capacity (80\%) |  | 992 | 1259 |  |  |
|  | Sept 2021 Enrollment | 890 |  |  |  |  |

## Reedsburg Area High School Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report

## Reedsburg Area High School Room Designation



Floor plan image above is adapted from the 2016 Facilities Master Planning report

## Capacity Observations \& Next Step

Based on the results of the capacity study and the on-site conversations, EUA provides the school district with the following observations:
(0) Ironton - LaValle Elementary and Loganville Elementary are clearly underutilized. Similar to many school districts, Reedsburg is at a crossroad in determining how to address existing rural schools. The district needs to determine where your future students are coming from and where they will be served. Eventually, maintaining two underutilized buildings will catch up to the district's long-term finances. Adding to an existing school or schools may be needed if these facilities are taken offline.
(2) Special Education (SE) delivery should be studied. Based on the observation of EUA, Special Education in Reedsburg appears to be more "pull-out" than "immersion" in relation to the core classrooms, which lowers the potential capacity of your schools. As noted on the capacity worksheets, many SE spaces could be core classrooms. The SE curriculum delivery study should be district wide and at all levels. If there is no significant change in this curriculum delivery, an addition at Pineview, Westside, and Prairie Ridge may need to be considered if enrollment continues to increase.
(3) The district has opportunities to reimagine several educational environments to deliver curriculum that could spark the interest in students.

- Project Lead the Way at the Middle School and High School levels
- More intensive Agriculture curriculum at the High School which could include live animal care, crop science, and aquaponics.
- Consider opportunities at all levels for break-out instruction similar to what exists at Prairie Ridge Intermediate. It's fortunate that all students will go through that facility, but it is unfortunate they will not have the chance to experience more independent learning and small group instruction at the middle school and high school level.


## Next Step

Capacity Studies and Enrollment Projections serve as the base data needed to complete a long-term master plan. This long-term master plan serves as a "road map" and allows the school board to make wise and fiscally responsible decisions for school district's future. EUA can provide examples of a longterm master plan deliverable and how it has been used by other districts.

Thank you for the opportunity to serve the School District of Reedsburg,


Eric Dufek RA
Senior Design Architect
EVA

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[^0]:    a. Based on 55 SF per Kindergarten student, 35 SF per student grades 1-5, and 30 SF per student for general classrooms grades 6-12.

    Science Rooms, FACE Labs, and Art Rooms use 50 SF per student. Tech Ed Lab spaces use 50-100 sq. ft. per student depending on specific use.
    b. Based on target goal of students per instructional space as provided by School District of Reedsburg.
    c. Functional Design Capacity is $90 \%$ of maximum capacity at elementary, and $80 \%$ at middle school and highschool.
    d. Based on 150 SF per student at elementary, 180 SF per student at middle, and 230 SF per student at high schools.
    e. For Elementary Schools, current enrollment includes the higher total of either morning or afternoon 4K, and does not include ECH

[^1]:    *Total September 2021 Enrollment of 197 has been adjusted to to reflect AM (larger) 4 K enrollment and no ECH students

