

John Adams Academy Multipurpose Room Program Document

(1) Facility

John Adams Academy (JAA) is planning to build a multi-purpose room (MPR) the southeast side of its property at 1 Sierra Gate Plaza, Roseville, CA, 95648. This MPR is approximately 11,600 square feet, with approximately 5,410 square feet for a standard gym floor. The MPR also has approximately 1,429 square feet for a stage, two multi-purpose classrooms of 986 square feet net. This includes 214 square feet of office, 520 square feet of storage, and approximately 491 square feet for bathroom facilities. The MPR is approximately 30 feet in height to the ridgeline.

Total seating capacity for basketball and volleyball games is: 120.

Total seating capacity for a drama production or a concert is: 770.

(2) Executive Summary

The primary use of the MPR will occur during classroom hours. The primary daytime use will be for daily physical education of John Adams Academy’s pupils, kindergarten through 12th grade. Other daytime uses include assemblies, parent teacher conferences, and classroom use for the two multipurpose classrooms. Physical education should have no impact on traffic because it will not increase enrollment nor alter standard pick-up and drop-off times.

The MPR will have two classrooms that will increase enrollment capacity by about approximately 52 pupils (based on scheduling classroom use 6 out of 7 periods; one period for standard teacher preparation). Based on the average class size at the academy, it is anticipated that the actual increase will be about 42 pupils. *(for further explanation see below: Multi-Purpose Classroom Use)*

The MPR will also be used for after school activities such as basketball, volleyball, drama, choir, band, strings, etc. These uses will actually decrease peak hour pick-up and drop-off by allowing pupils to stay on campus until after peak pick-up and drop-off times. Other uses include daytime assemblies and parent teacher conferences, which also should not affect peak pick-up and drop-off traffic. Other incidental uses, including events such as graduation, which generally occur after business hours or during the weekends, should not significantly affecting any peak hour traffic.

(3) Detailed Use and Traffic:

a. Summary of Current Use

The school year runs 180 days, typically starting in mid-August and ending in early June. When school is not in session, use of campus facilities and traffic are minimal.

During the school year:

Academy staff typically arrive on campus between 6-7:30 am and depart from 4-6:30 pm which is before and after peak school traffic times.

Before class, all pupils participate in a morning flag ceremony. Flag start times are 8:05am for the elementary (TK-6th grades) and 7:40am for secondary (7th-12th) pupils. JAA’s peak school traffic times occur during pick-up and drop-off.

Morning drop-off occurs as follows:

Monday through Thursdays:

7:20 – 7:45am for grades 7th through 12th;

7:45 – 8:05am for AM TK/AM Kinder through 6th grades; and

11:20 – 11:35am for PM TK/PM Kinder.

Morning drop-off occurs on Fridays:

7:20 – 7:45am for grades 7th through 12th; and

7:45 – 8:05am for AM & PM TK and Kinder classes through 6th grade.

Afternoon pick-up occurs as follows:

Monday through Thursdays:

2:50 pm-- grades 1st - 4th;

3:05pm for PM TK/PM Kinder;

3:15pm for 5th and 6th grades; and

3:20pm for grades 7th - 12th.

Fridays (half-day):

11:30am for AM/PM TK and Kinder;

12:00pm for grades 1st - 4th;

12:15pm for 5th - 6th; and

12:30pm for grades 7th - 12th.

The school year has 180 days of which 46(Secondary)/41(Elementary) are minimum days (26%/23%).

The pick-up and drop-off schedule on minimum days is the same as the half-day Friday schedule above.

Current parent survey data regarding carpooling indicates that there are approximately 2.0 pupils per car at morning drop off and 2.0 pupils per car during pick-up. Parents were surveyed to determine how many pupils they bring to school and how many pupils they take home from school. The average number of pupils per car was approximately two pupils for drop-off and two pupils during pick-up. Our current car counts indicate that there are about 740 cars that come to the campus in the morning during drop off, including teachers and staff who stay all day.

The following is a typical car count for vehicles arriving on the campus on the morning and vehicles departing the campus. The number of employees arriving and the number of parents coming and departing the school is consistent with our survey data regarding carpooling ratios.

Morning Drop-Off

7:10-7:15	7:15-7:20	7:20-7:25	7:25-7:30	7:30-7:35	7:35-7:40	7:40-7:45	7:45-7:50
Exiting Campus							
3	7	7	20	45	59	61	75
Arriving on Campus							
14	30	31	65	75	89	86	80

Morning Drop-Off cont.

7:50-7:55	7:55-8:00	8:00-8:05	8:05-8:10	8:10-8:15	8:15-8:20	8:20-8:25	8:25-8:30	Total

Exiting Campus								
69	64	47	55	22	9	6	2	551
Arriving on Campus								
68	76	59	34	9	10	9	7	742

TK

11:10-11:15	11:15-11:20	11:20-11:25	11:25-11:30	11:30-11:35	11:35-11:40	11:40-11:45		Total
Arriving on Campus								
13	22	40	38	25	11	6		155

After School Pick-Up

2:30-2:35	2:35-2:40	2:40-2:45	2:45-2:50	2:50-2:55	2:55-3:00	3:00-3:05	3:05-3:10
Arriving on Campus							
23	22	41	15	59	49	51	40

3:10-3:15	3:15-3:20	3:20-3:25	3:25-3:30	3:30-3:35	3:35-3:40			Total
Arriving on Campus								
47	41	38	18	21	14			479

After School Pick-Up

(Friday) (3/24/17)

11:30-11:35	11:35-11:40	11:40-11:45	11:45-11:50	11:50-11:55	11:55-12:00	12:00-12:05	12:05-12:10
Arriving on Campus							
30	29	18	28	34	15	40	29

12:10-12:15	12:15-12:20	12:20-12:25	12:25-12:30	12:30-12:35	12:35-12:40	12:40-12:45	12:45-12:50	Total
Arriving on Campus								
45	38	36	55	30	23	25	10	c

Currently, the Academy has 1305 students enrolled. TK-6th Grade is near capacity.

TK-6 th Grade	878 pupils
7 th -12 th Grade	427 pupils

The projected capacity of the current facilities without the MPR is approximately 1600 students. The projected capacity with the MPR is about 1640-1650 students. Actual enrollment is typically less than actual capacity. Average daily attendance also lags behind enrollment approximately by about 5%.

The following includes a discussion of planned programming that will be affected by the MPR:

b. Physical Education

Use: Physical Education (PE) classes will run from the beginning of the school day in the morning until the dismissal bell at the end of the school day. It is anticipated that classes from each grade will use the MPR for physical education sometime during the week. Currently, physical education is being conducted on the black top in the empty parking lots. The MPR would allow for deeper enrichment of the current PE curriculum.

Effect on Enrollment: PE use of the MPR would not impact enrollment because the MPR would be used as a replacement for the current blacktop parking lot use for PE.

Traffic: This primary daytime use should not affect the pick-up and drop-off times nor increase enrollment.

Multi-Purpose Classroom Use During School Hours

Use: There will be two multi-purpose classrooms in the MPR. It is anticipated that one classroom will be used for music and the other classroom will be used as a general purpose classroom for elective classes. The music classroom will house an existing secondary music program with classes during all periods of the day.

It is anticipated that the second multi-purpose classroom will be used for electives including drama, band, or art (leaving one period of preparation for the teacher).

Effect on Enrollment: The seating capacity for each room is 30 pupils. This will result in a maximum increase in enrollment capacity of approximately 52 pupils (26 pupils per classroom) based on our standard use of 6 out of 7 periods per day, leaving one period for teacher preparation. Based on our average classrooms size, it is expected that the approximate increase in enrollment would actually be 42 pupils. Since the multi-purpose classrooms will be used for electives, actual classroom sizes will likely be even smaller than this anticipated enrollment.

The 42 pupil capacity is calculated based on programming restrictions as follows: Typically, there are 25 students per section in the upper school. This means about 25 students per classroom on average. There are 7 periods in a day. A teacher typically teaches in his or her classroom 6 out of 7 periods with a preparation period with no pupils in the room. This means net increase of 6/7 of a section of 25 students, which equals approximately 21 pupils. For two classrooms, this is about 42 pupils of net increase.

Traffic: Based on our survey results, there is an average of 2.0 pupils per car during peak drop-off and pick-up times. Therefore, an increase in enrollment of 42 pupils would result in an approximate increase of 21 cars. This increase during peak pick-up should be more than offset by the number of pupils that will remain for after-school activities that the MPR will facilitate (*see below*).

c. Before and After School uses:

The following sections discuss the non-classroom hour (before and after school) uses made possible by the MPR. Although there will be a slight increase in the enrollment capacity, that increase will not significantly affect traffic patterns during peak pick-up and drop-off because pupils will arrive earlier and will stay later than peak school traffic times for before and after-school sporting and music activities.

d. Multi-purpose Music use

Uses: The multi-purpose classrooms and the stage will allow for an increase in after school (after peak pick-up) programming beginning in August and ending in May. The MPR will also allow for the high school choir performances, such as a Holiday Arts Show in December and an Arts show in April.

Currently, choir has approximately 30 pupils participating Monday, Tuesday, and Wednesday from 3:20 – 4:30pm; band has approximately 40 pupils on Monday and Wednesday from 3:20 – 4:30pm; and strings has approximately 40 pupils daily Monday-Thursday from 3:20 – 4:30pm. Once the MPR is built, all these music programs may increase to four times a week.

Elementary, middle school and high school choir concerts each occur about twice per year usually around 6:30pm, once in fall and another in the spring. The Holiday Arts Show in December and Arts in the Park in April will be held in the MPR in the evening and will not affect peak school traffic hours. Athletic events will be scheduled so as to not conflict with these performances. Attendance for these events will range from approximately 100-770.

Enrollment: These after school uses will not increase the total enrollment capacity of the academy.

Traffic: Pick-up times for daily music use of the MPR will be between 4:30-4:45 pm. For Monday and Wednesday, that will be for approximately 110 pupils. For Tuesday, that will be for approximately 70 pupils and Thursday will be approximately 40 pupils. These programs will likely grow to four days per week (Monday through Thursday) so as to involve 110 pupils Monday – Friday. This increase will be a net decrease in pick-up during peak pick-up times.

For concerts, traffic will increase for those concerts (about twice per year), after school during after peak hours.

e. After school Multi-Purpose Drama Use

Use: The MPR will be used for high school drama rehearsals and productions. After school rehearsals will start at 3:20pm and will typically end between 5:30 and 6:30pm and will involve approximately 30-45 secondary pupils. It is estimated that two plays will occur per year with the possibility of a regular after school drama enrichment group. A class elective may be offered during each semester. Productions and rehearsals will be coordinated with sporting practice and sporting events such that an increase in use for drama will often result in a decrease in use for athletic programming. Preliminary rehearsals can be conducted after school in other empty academy facilities so as not to conflict with MPR use for athletics. It should be noted that rehearsals are already conducted on campus.

Productions typically begin around 6:30-7:00 pm. Rehearsals typically begin at the start of the semester primarily in the drama elective class during the school day. Two weeks prior to the production, dress rehearsals will begin most of which will be conducted in the MPR. It should be noted that the stage is designed so that some uses of the stage can occur simultaneously with athletic use of the basketball court.

Productions typically will take place during the middle or towards the end of the semester. During productions, approximately 100-700 people will attend. Athletic events will be scheduled so as not to conflict with these productions.

Enrollment: After school uses of the MPR for drama will not increase the total enrollment capacity of the academy.

Traffic: Currently, drama practice occurs during an elective during the regular school day. Drama rehearsals just prior to the drama event occur off-site.

With the MPR, drama practices will still occur during the drama elective course during regular school hours. Rehearsals will occur on campus and in the MPR prior to the drama event as described above. Pick up times for these uses will be between 5:30 and 6:30 pm. This will result in a net decrease in the number of vehicles during peak pick up times at 2:45 – 3:30pm because pupils will remain on campus for these additional programs.

Families will come to the campus for drama productions. The increase in traffic for productions will typically be after school and after business hours resulting in limited to no impact on peak drop-off and pick-up times. Additionally, it may decrease peak pick-up because pupils may remain on campus in preparation for the production.

f. After school Multi-Purpose Basketball Use

Use: The MPR will be used for after school basketball practice and for some after school basketball games. Four different teams will make use of the MPR for practices and for games—high school varsity boys, high school varsity girls, middle school boys, and middle school girls. The following is a projected practice and game schedule:

Boys Varsity: The practice season runs November to February. Practices typically run Monday through Thursday. Approximately, 10-15 pupils will participate in after school practice from 5-6:30pm.

The game season runs from December to February. Games typically occur on Tuesday or Friday nights. A season typically has 7 total home games. Projected spectator capacity for these events is about 120 people. Games typically start at 7:30pm and run approximately 60-90 minutes in length.

Girls Varsity: The practice season runs November to February. Practices typically run Monday through Thursday. Approximately, 10-15 pupils will participate in after school practice from 4:00-5:30.

The game season runs from December to February. Games typically occur on Tuesday or Friday Nights. A season typically has 7 total home games. Projected spectator capacity for these events is about 120 people. Games typically start at 6:00pm and run approximately 60-75 minutes in length.

Girls and Boys Varsity games occur on the same day. A more limited number of spectators arrives for the girls game and the spectators typically stay for the boys game. The total number of spectators for both the Boys and Girls Varsity Basketball games is about 100-120 spectators.

Boys Middle School: The practice season runs November to February. Practices typically run Monday through Thursday. Approximately, 10-15 pupils will participate in after school practice from 3:30-4:30.

The game season runs from December to February. Games typically occur on Tuesday or Thursday afternoons. A season typically has 7 total home games. Typical attendance is about 50 people. Games typically start at 3:30pm and run approximately 60 minutes in length. Boys middle schools basketball games do not occur on the same day as other sporting events.

Girls Middle School: The practice season runs August to October. Practices typically run Monday through Thursday. Approximately, 10-15 pupils will participate in after school practice from 3:30-4:30.

The game season runs from December to February. Games typically occur on Tuesday or Thursday afternoons. A season typically has 7 total home games. Typical attendance is about 50 people. Games typically start at 3:30pm and run approximately 60 minutes in length. Girls middle school basketball games do not occur on the same day as other sporting events.

Effect on Enrollment:

These after school uses will not increase the total enrollment capacity of the academy.

Traffic:

For the fall basketball season, approximately 15 pupils will remain after school for basketball Monday through Thursday. For the winter basketball season, approximately 30-45 pupils will remain after school for basketball Monday through Thursday.

Currently, pupils participating in after school basketball must be taken by their parents to an off-site facility after school. Those parents pick up their pupils at the peak pick up time of 3:20pm and deliver them to an offsite basketball facility.

When the MPR is built, those parents will no longer be required to pick up their pupil at the peak pick up time of 3:20pm. Rather, those 15 pupils during the fall season and 45 pupils during the winter season will remain on campus for after school practice; thus, decreasing the number of cars coming to campus during that peak pick-up time.

Pick-up of pupils participating in after school basketball practice is staggered depending on the end of practice from 4:30pm, 5:30pm, and 7:00pm.

Traffic to campus on game days will occur as follows:

Boys Varsity will arrive at 6pm.

Girls Varsity will arrive at 5pm.

Middle School basketball (boys and girls) will stay after school, with parents and guests arriving between 3-3:30 pm.

g. After school Multi-Purpose Volleyball Use

Use: The MPR will be used for girls varsity and girls middle school volleyball.

Girls Varsity: The practice season runs August to October. Practices typically run Monday through Thursday. Approximately 10-15 pupils will participate in after school practice from 4:30-6:00pm.

The game season runs from September to October. Games typically occur on Tuesday or Friday Nights. A season typically has 7 total home games. Typical attendance is about 110 people. Games typically start at 6:00pm and run approximately 60-75 minutes in length.

Girls Middle School: The practice season runs February to April. Practices typically run Monday through Thursday. Approximately 10-15 pupils will participate in after school practice from 3:30-4:30pm.

The game season runs from February to April. Games typically occur on Tuesday or Thursday afternoons. A season typically has 7 total home games. Typical attendance is about 50 people. Games typically start at 3:30pm and run approximately 60-75 minutes in length.

Effect on Enrollment: These after school uses will not increase the total enrollment capacity of the academy.

Traffic: For the fall volleyball season, approximately 15 pupils will remain after school for volleyball Monday through Thursday. For the spring volleyball season, approximately 15 pupils will remain after school for volleyball Monday through Thursday.

Currently, pupils participating in after school volleyball must be taken by their parents to an off-site facility after school. Those parents pick up their pupils at the peak pick up time of 3:20pm and deliver them to an offsite volleyball facility.

When the MPR is built, those parents will no longer be required to pick up their pupil at the peak pick up time of 3:20pm. Rather, those 15 pupils during the fall season and 15 pupils during the spring season will remain on campus for after school practice; thus, decreasing the number of cars coming to campus during that peak pick up time.

Pick up of pupils participating in after school volleyball practice in fall will be 6:00pm, and pick up will be 4:30pm in spring.

Traffic to campus on game days:

Girls Varsity Volleyball during the fall season, and middle school girls volleyball during the spring season, will stay after school with parents and guests arriving between 3-3:30pm.

h. Before-school (morning) sports practice:

Use: For any of the sports offered on the campus, including basketball, volleyball, cross country, track, soccer, etc., the MPR will be available for early morning training. The athletes would typically arrive around 6:30 am. This use can range between 15-45 pupils. They would stay on campus for school.

Enrollment: These before school uses will not increase the total enrollment capacity of the academy.

Traffic: This use would decrease peak drop-off traffic because these pupils will arrive on campus in the early morning prior to peak drop-off times.

i. Staff Use

Use: Staff will be allowed to use the facility before and after school when the facility is not in use by other school programming. On Friday afternoon (half day), staff will have meetings in the multi-purpose

room, including all staff meetings, trainings, coordination meetings, conferences, staff fitness challenges, volleyball or basketball games etc.

Enrollment: These uses will not increase the total enrollment capacity of the academy.

Traffic: The early morning and after school use by the staff will only further shift teacher arrival and drop-off traffic to non-peak hours. The daytime uses by the staff will not affect traffic.

j. Academics

Use: The MPR will also be used for the following activities during school hours:

- Assemblies and all-school meetings/gatherings will take place during the school day and will not affect traffic during these general meetings.
- Parent Teacher conferences will take place on minimum days; these meetings will be spread throughout the afternoon with minimal impact on traffic and parking from 12 noon – 4pm
- Veteran’s Day Event
 - 40-50 Veterans
 - Breakfast and Assembly, 8am-10am
- Large testing events: PSAT, SAT, AP, etc.
- Kindergarten Promotion
 - In class, per teacher
 - Approximately 150-200 in attendance
- 8th Grade Promotion
 - 120 pupils, 250 in attendance
 - 11-12pm
 - Arrival 10:30
 - Reception 12:30pm

Enrollment: These uses will not increase the total enrollment capacity of the academy.

Traffic: These are not new uses. For these uses, traffic, for some parents and other attendees, typically occurs during the school day during non-peak school traffic hours as listed above.

k. School Socials and dances

Use: The MPR will be used for socials and dances.

Middle school socials occur approximately 4-5 times a year and will typically occur between 4:30-6:00pm. Attendance is typically 75-100 pupils. This currently already occurs on campus in other facilities.

Dances will occur approximately 5 times a year. Attendance is typically 75-100 pupils. Dances occur between 7:00-9:00pm. These uses (dances and socials) will be scheduled to occur when the MPR is not being used for athletics. Currently, most dances occur on campus in other facilities.

Enrollment: These uses will not increase the total enrollment capacity of the academy.

Traffic: Drop-off and pick-up for these events will be during non-peak hours of 6:30-10:00pm. Peak school traffic should not be impacted.

I. Other events

Use: The MPR will be used for other occasional or incidental events such as high school graduation. High school graduation occurs once a year. Attendance is typically between 400-700. These events occur around 6:30 pm after school or in the morning on Saturday.

Enrollment: These uses will not increase the total enrollment capacity of the academy.

Traffic: Drop-off and pick-up for these events typically occur during non-peak hours.