

Memorandum

To: Land Use Committee of the City of Newton Board of Aldermen
 From: Lou Mercuri, Planning Horizons
 Re: 200 Wells Avenue / Russian School of Mathematics and Dance Fever
 Date: June 25, 2013

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On behalf of the petitioners for this land use petition I am submitting this report regarding the availability of parking for the amendment to Special Permit Board Order #325-06.

Background and Proposal Highlights

The Russian School of Mathematics ("RSM") and Dance Fever sought and received approval from the Board of Aldermen in 2006 to operate a for-profit after school and weekend program. In the interim, the programs have seen increases in the number of enrolled students and faculty. Accordingly, RSM has filed a request to amend the 2006 special permit in a number of ways. Specifically, RSM is seeking to:

- A. Allow up to 200 students in the school at any given time
- B. Allow up to a maximum of 15 students per class
- C. Allow up to 17 classes to occur at any one time
- D. Allow up to 28 employees on site at any one time

The focus of this report was to determine whether the current and proposed parking supply will adequately meet the circulation and parking needs of the site going forward.¹ Since the majority of the students at RSM are dropped off at the beginning of their class and picked up at the conclusion of the class, the best way to accommodate the increased enrollment is to improve the efficiency of the circulation at the site, as opposed to increasing available parking. In fact, the parking counts revealed that even at peak drop-off and pick-up times, there were between 28 and 42 onsite parking spaces available. (see Chart III)

A most significant feature of the proposed improvement to the site operation includes a proposed circular driveway in front of the school that would connect through both parking lots. This driveway will facilitate both drop-off and pickup of students and will considerably ease the parking demands on the existing two lots. The specifics of the operation of the new driveway including queuing distances, parking duration, access and egress from the site will be considered in an accompanying report prepared by VHB Associates.

This report concludes that the proposed driveway will significantly improve the drop-off and pick-up process at the site. The connecting driveway will allow approximately 15 cars to queue as the drivers efficiently drop off their children at the start of class, leaving the 63 onsite parking spaces available for teachers and parents who are picking up their children. A conservative estimate is that the proposed driveway will eliminate 75% of the parking associated with drop-off, and 40% of the parking associated with pick-up

¹ Based on the recent zoning review by the Department of Inspectional Services, RSM and Dance Fever combined require a total of 56 parking stalls. Since a total of 63 parking stalls are provided on site, a parking waiver is not required in this application.

Operations Existing Conditions

Both RSM and Dance Fever would continue to operate in the 15,305 square foot space in a former office building at 200 Wells Avenue. Weekly classes and instruction for both activities primarily occur between 3:00pm and 9:00pm on weekdays and between 8:00am and 7:00pm on weekends. Most of the existing programs are geared towards the school-age population with Dance Fever offering some later evening classes for adults. The vast majority of students in both schools are driven by car to the school, dropped off and picked up when the sessions are over. Carpooling is encouraged and frequently more than one child per household is enrolled in concurrent classes.

As of Spring 2013, here are the daily numbers of classes and students enrolled at both RSM and Dance Fever:

Russian School of Mathematics Spring 2013 Enrollments

Day of Week	Time of Classes	# of Classes	Total # of	
			Students per Day	# Students per Class
Monday	3:30-8:45	35	388	11
Tuesday	2:30-8:45	31	324	10
Wednesday	3:30-8:45	30	335	11
Thursday	3:30-8:30	29	314	11
Friday	3:15-8:45	24	226	9
Saturday	8:45-6:15	68	819	12
Sunday	8:45-6:45	60	656	11

Dance Fever Spring 2013 Enrollments

Day of Week	Time of Classes	# of Classes*	Total # of	
			Students per Day	# Students per Class
Monday	2:00-9:00	4	117	2.9
Tuesday	2:00-9:00	36	87	2.4
Wednesday	2:00-9:00	46	98	2.1
Thursday	2:00-9:00	35	78	2.2
Friday	2:00-9:00	36	82	2.3
Saturday	9:00-4:00	37	93	2.5
Sunday	9:00-7:00	13	42	3.2

* This number includes one-on-one private instruction

In terms of peak capacities, the critical periods are weekdays between 5:00pm and 6:00pm when as many as 17 RSM classes are in operation simultaneously. Start and end times for the 1.5, 2.0, and 2.5 hour classes are roughly staggered to 15-minute intervals during the peak times. On Saturdays, peak start and end times are between 11:00am and 12:00 noon, and later between 3:15 and 3:45pm. The Sunday peak period is between 11:00 and 11:45am.

Peak periods for Dance Fever classes tend to be a bit later than RSM with the largest enrollments occurring between 6:00 and 8:00pm. During those times typically 25 students are attending classes. On Saturdays, the period between 10:00am and 12:00 noon is busiest with 20 students attending classes. Sunday classes are particularly light with just 10 students at most taking classes between 12:00 noon and 1:00pm. There are fewer students per teacher at Dance Fever

and the ratio is close to 3 students per teacher for these sessions. The owner of Dance Fever estimates that there are no more than 10 students who drive themselves to class each week; most students are provided with rides.

Parking Facilities

Under the current operation, three designated parking areas are used for both RSM and Dance Fever as follows:

1. Parking lot "A": This is the largest parking area and is located adjacent to the main entrance to the building. The lot accommodates a total of 49 parking spaces, including 1 handicap space in close proximity to the main entrance. The lot is accessed from Wells Avenue and there is sufficient aisle width to accommodate a two-way flow in the lot. At present the lot is used exclusively for **student pick up** and there is a 15-minute **maximum** time limit for parking.
2. Parking lot "B": This lot has been recently reopened and is located further west on Wells Avenue, about 50 yards from the entrance to Parking Lot A. The lot accommodates 14 parking spaces, none are handicap spaces. At this time, the lot is designated for student **drop off** only and there is a 5-minute parking limitation.
3. Auxiliary parking lot: The petitioners have established a leased parking arrangement with the owners of the adjacent office building at 180 Wells Avenue. In total, 24 consecutive parking spaces (none handicap) at the closest point to the RSM site are available for administration and faculty use. These spaces are accessed from a separate driveway off of Wells Avenue to the 180 Wells Avenue site. There is a walkway connecting this parking area with the RSM site.

In the three lots described, there are a total of 87 available parking spaces. The actual zoning requirement for RSM and Dance Fever is 56 parking spaces, leaving a surplus of 31 spaces. If the on-site allocation of 63 spaces (14 in lot B and 49 in lot A) is considered, then a surplus of 7 parking spaces is present.

Open parking on one side of Wells Avenue (the side opposite the site) is permitted by the City and there are approximately 24 spaces from the entrance of Parking lot B to just beyond the entrance to parking lot A. However, the petitioners continue to urge parents, faculty, and administration to avoid using Wells Avenue for drop off, pickup, or general parking purposes.

RSM has taken the additional positive step of hiring its own parking manager and one Newton police detail during the busiest weeknight hours. This effort has greatly assisted the vehicular flow in and out of both parking lots A and B. In addition, pedestrian safety for students has improved as there is supervision of students entering and exiting parked cars.

Parking Methodology and Results

To get a complete picture of the parking supply and demand for both uses, it is necessary to understand the current and proposed operations and match them with the peak periods. With access to all of the classroom enrollments, schedules, and observations, it was determined that the peak periods for parking are generally between 5:00pm and 6:00pm on weekdays and in later morning and early afternoon on Saturdays and Sundays. As noted earlier, Mondays are the peak operation day with Tuesdays and Wednesdays not far behind. Planning Horizons surveyed the three main parking locations (lot A, lot B, Auxiliary lot) and also surveyed the parking used along Wells Avenue at the peak times.

In total all four locations were surveyed on 18 different occasions. Each weekday was surveyed on two or more occasions, and in addition there were three Saturday and one Sunday surveys conducted.

Since RSM classes are staggered to start and end in 15-minute intervals, it was decided to conduct three different parking counts 10 minutes apart for an interval totaling 20 minutes. This method allowed for fluctuation in drop-offs and

pickups that typically occur within a several-minute window around the start and end of classes. For the summary of counts contained in the body of this report, the average of three separate intervals was used. The full detail of the capacities at each of the intervals is included in Appendix A of this report.

Four baseline counts were taken at the start of classes at approximately 3:30pm on Wednesday, Thursday, and Friday afternoons. These counts were taken to assess the capacities at the start of the RSM sessions and an hour and a half after Dance Fever classes had commenced. These counts will be considered separately from the 5:00-6:00pm peak weekday hour counts.

All counts were conducted between March 28 and April 25, 2013. Weather conditions were noted but generally temperatures were a little above average and conditions ranged from clear to a light rain falling. This time of year corresponds to expected highest enrollment numbers for the entire academic year.

All of the data obtained can be best summarized in chart form using the day of the week as the frame of reference as follows:

Chart I Peak Hour Parking by Day of Week and Parking Area

Day of Week	# of Counts	Avg. Lot A (capacity 49)	Avg. Lot B (capacity 14)	Avg. Auxiliary Parking (capacity 24)	Avg. Wells Ave* (open parking)	Total (average of counts)
Monday	2	29	6	24	20	79
Tuesday	2	19	3	23	20	65
Wednesday	2	30	5	24	23	82
Thursday	2	24	4	22	16	66
Friday	2	26	7	22	11	66
Saturday	3	25	8	20	1	63
Sunday	1	29	6	19	3	57

Chart II Off-Peak (3:30 PM) Parking by Day of Week and Parking Area

Day of Week	# of Counts	Avg. Lot A (capacity 49)	Avg. Lot B (capacity 14)	Avg. Auxiliary Parking (capacity 24)	Avg. Wells Ave* (open parking)	Total (average of counts)
Wednesday	2	24	6	20	15	65
Thursday	1	15	3	23	17	58
Friday	1	20	3	17	14	34

**These columns include all of the cars parked on Wells Avenue at the time of the count. Parking on Wells Avenue is open and available to all members of the public. Therefore, some of the vehicles included in this count may well be attributable to non-RSM/Dance Fever uses. The proposed connector driveway will eliminate any need for patrons of the site to park on Wells Avenue, to the extent that such a need currently exists.*

In terms of peak hour counts the lowest count on an individual day was Thursday March 28 with an average of 56 cars parked during the interval in all locations. The highest recorded count occurred on Wednesday April 24 when 90 cars were parked during the 5:20-5:40pm period. The range of all counts on all weekdays is between 65 cars parked on Tuesdays and 82 cars parked on Wednesdays.

The following chart denotes the number and percent of available parking spaces in Lot A, Lot B, and the Auxiliary parking area by day of the week:

Chart III Peak Hour Parking by Day of Week and Parking Area Using Occupancy Rates

Day of Week	# of Counts	Lot A		Lot B		Auxiliary Lot		Total Available	% Available
		Spaces	% Available	Spaces	% Available	Spaces	% Available		
Monday	2	20	41	8	57	0	0	28	32
Tuesday	2	30	61	11	78	1	4	42	48
Wednesday	2	19	39	9	64	0	0	28	32
Thursday	2	25	51	10	71	2	8	37	42
Friday	2	23	47	7	50	2	8	32	37
Saturday	3	24	49	6	43	4	17	34	39
Sunday	1	20	41	8	57	5	21	33	38

Under current conditions, there are on average between 28 and 42 parking spaces available at any given time. In total, the three parking areas provide 87 spaces.

To summarize, Charts I-III demonstrate the following points:

- During the busiest periods, RSM and Dance Fever combined generate an average actual parking demand of between 57 and 82 spaces depending on the day of the week.
- There are between 28 and 42 available parking spaces during the peak periods in Lot A, Lot B, and the Auxiliary parking area.
- The highest recorded amount of parking occurred on April 24 when 90 cars were observed.
- The recent deployment of a police detail, employing a park lot attendant, and reopening lot B have considerably improved conditions and safety on site. Going forward, the proposed site driveway will improve conditions further and this will be discussed in the next section.

Future Conditions and Limitations, Site Driveway Parking Projections and Drop-Off and Pickup Plan

The current petition seeks to establish the following limits on the overall use:

- No more than 200 children in the school at any time
- No more than 15 students per class
- No more than 17 classes conducted at any one time
- No more than 28 employees on site at any one time

Each of these limitations falls within the boundaries of how RSM and Dance Fever are currently operating in the Spring of 2013. Therefore, the parking analysis based on current conditions will closely reflect future expectations and demand for parking with the main exception of the new site driveway.

This land use petition contains the provision to construct a one-way site driveway directly in front of the building that will be accessed from lot B and will exit onto lot A in close proximity to Wells Avenue. This is a major improvement to the site operation and will considerably reduce parking demand as described later on in this report.

A second issue relates to the status of the auxiliary lot in the long term. The lot accommodates 24 cars and has been a great benefit for teachers and administrators needing long-term parking. However, a long-term lease arrangement may not be achievable and RSM and Dance Fever will need to provide adequate onsite parking. Under future conditions, the assumption will be made that these 24 spaces will not be available.

Parking Projections

The proposed site driveway will considerably reduce the need for onsite parking. In particular, the drop-off of students will be greatly facilitated as drivers will access the site driveway, drop off and leave the site without having to park in either lot A or lot B. The pickup of students creates a potentially greater parking demand as parents may arrive 5-10 minutes early and will not be able to remain in the driveway for "live" parking. However, many parents will arrive on time or perhaps be late and students will be waiting to greet them in the site drive.

The following parking projections (see Chart IV below) are based on the following assumptions:

- The new site drive will eliminate 75% of the cars that currently use a parking space for drop-off purposes
- The new site drive will eliminate 40% of pick up parking that currently occurs
- All employees (up to 28 at one time) will need long-term parking and there will be one parked car per employee
- The amount of total onsite parking (between 57 and 82 cars) depending on the day will continue and remain constant
- The Auxiliary parking area of 24 spaces will no longer be available and a total of 62 onsite spaces will be available for both schools

When all of these factors are introduced, the following chart clearly demonstrates that adequate onsite parking will be available:

Chart IV Future Parking Projections at Peak Hour Based on Spring 2013 Enrollments and Current Parking Data

Day of Week	Peak Hour Counts	Employee Parking	Student-Related Parking	Total Parking Demand	Projected Student Dropoff and Pickup Parking	Projected Employee Parking	Total Parking Needed	Total Surplus
Monday	2	28	51	79	23	28	51	+11
Tuesday	2	28	37	65	17	28	45	+17
Wednesday	2	28	54	82	25	28	53	+9
Thursday	2	28	38	66	17	28	45	+17
Friday	2	28	38	66	18	28	46	+16
Saturday	3	28	35	63	14	28	42	+20
Sunday	1	28	29	57	13	28	41	+21

It is estimated that there will be at least 9 available spaces in either parking lot A or B at the peak hour.

Parking Drop-Off, and Pickup Plan

A revised parking drop-off and pickup plan needs to include the following elements:

- Students will be dropped off and picked up in the new site driveway between lot A and lot B. The driveway will allow for live parking and those needing parking beyond a minute or two will be directed to parking lot A.
- Teacher and administrator parking will occur in lot B and in lot A closest to Wells Avenue
- A parking attendant will monitor the site driveway between 3:00 and 7:00pm on weekdays to insure student pedestrian safety and to keep traffic circulating through the driveway
- Regular reminders will be sent to parents regarding parking procedures and to reinforce the concept that there will be no parking on Wells Avenue²

² Although not directly related, RSM ought to consider further staggering of classes to allow for a more even distribution of class start and ending times. For example, currently 10 RSM classes start on Monday at 3:30pm and only 3 start at 3:45pm (see Appendix B). Starting either 6 or 7 classes at both times would reduce parking demands at pickup times.

- Both RSM and Dance Fever will further develop and promote a carpool program that will further reduce vehicular trips. Reduced tuition rates and other incentives will be offered to parents who continually demonstrate viable carpooling arrangements.
- Lease arrangements (whether temporary or long term) will be sought to allow for teacher and administrator parking

In conclusion, the new site driveway will greatly offset parking demands and there is sufficient parking to accommodate the current and future needs of both schools. This, coupled with an active and closely monitored parking drop-off and pickup plan described at the end of this report will allow the schools to operate in a safe and efficient manner.

Appendix A - RSM Parking Counts and Capacities

RSM Parking Counts

Parking Lot A

Capacity 49

Day	Date	Weather	Time Interval	Count 1		Count 2		Count 3	
				Occupied	Vacant	Occupied	Vacant	Occupied	Vacant
Monday	8-Apr	68° clear	5:20-5:40	27	22	38	11	37	12
Monday	22-Apr	50° cloudy	5:10-5:30	21	28	21	28	28	21
Tuesday	2-Apr	40° clear	5:20-5:40	19	30	26	23	16	33
Tuesday	9-Apr	65° clear	5:20-5:40	13	36	16	33	22	27
Wednesday	3-Apr	40° clear	5:00-5:20	20	29	19	30	23	26
Wednesday	24-Apr	75° clear	5:20-5:40	33	16	44	5	40	9
Thursday	28-Mar	45° light rain	5:40-6:00	22	27	20	29	17	32
Thursday	25-Apr	66° clear	5:30-5:50	42	7	26	23	18	31
Friday	5-Apr	54° clear	5:25-5:45	18	31	21	28	25	24
Friday	12-Apr	37° light rain	5:25-5:45	34	15	28	21	30	19
Saturday	30-Mar	50° clear	11:20-11:40	30	19	24	25	19	30
Saturday	13-Apr	40° cloudy	11:20-11:40	31	18	27	22	19	30
Sunday	14-Apr	50° cloudy	11:25-11:45	28	21	34	15	26	23
Wednesday	3-Apr	45° clear	3:25-3:45	31	18	17	32	16	33
Wednesday	10-Apr	60° cloudy	3:25-3:45	21	28	22	27	20	29
Thursday	11-Apr	50° p. cloudy	3:25-3:45	21	28	16	33	8	41
Friday	12-Apr	38° rain	3:25-3:45	21	28	23	26	15	34
Saturday	13-Apr	50° cloudy	3:30-3:50	27	22	21	28	24	25

RSM Parking Counts

Parking Lot B

Capacity 14

Day	Date	Weather	Time Interval	Count 1		Count 2		Count 3	
				Occupied	Vacant	Occupied	Vacant	Occupied	Vacant
Monday	8-Apr	68° clear	5:20-5:40	5	9	6	8	8	6
Monday	22-Apr	50° cloudy	5:10-5:30	7	7	6	8	3	11
Tuesday	2-Apr	40° clear	5:20-5:40	0	14	3	11	3	11
Tuesday	9-Apr	65° clear	5:20-5:40	2	12	3	11	8	6
Wednesday	3-Apr	40° clear	5:00-5:20	8	6	5	9	4	10
Wednesday	24-Apr	75° clear	5:20-5:40	3	11	5	9	7	7
Thursday	28-Mar	45° light rain	5:40-6:00	2	12	1	13	2	12
Thursday	25-Apr	66° clear	5:30-5:50	6	8	6	8	4	10
Friday	5-Apr	54° clear	5:25-5:45	11	3	7	7	2	12
Friday	12-Apr	37° light rain	5:25-5:45	11	3	5	9	5	9
Saturday	30-Mar	50° clear	11:20-11:40	2	12	5	9	2	12
Saturday	13-Apr	40° cloudy	11:20-11:40	5	9	5	9	3	11
Sunday	14-Apr	50° cloudy	11:25-11:45	6	8	8	6	3	11
Wednesday	3-Apr	45° clear	3:25-3:45	8	6	7	7	4	10
Wednesday	10-Apr	60° cloudy	3:25-3:45	5	9	6	8	8	6
Thursday	11-Apr	50° p. cloudy	3:25-3:45	6	8	2	12	1	13
Friday	12-Apr	38° rain	3:25-3:45	11	3	5	9	2	12
Saturday	13-Apr	50° cloudy	3:30-3:50	11	3	10	4	7	7

RSM Parking Counts

Auxiliary Parking

Capacity 24

Day	Date	Weather	Time Interval	Count 1		Count 2		Count 3	
				Occupied	Vacant	Occupied	Vacant	Occupied	Vacant
Monday	8-Apr	68° clear	5:20-5:40	24	0	23	1	24	0
Monday	22-Apr	50° cloudy	5:10-5:30	24	0	24	0	23	1
Tuesday	2-Apr	40° clear	5:20-5:40	24	0	24	0	24	0
Tuesday	9-Apr	65° clear	5:20-5:40	23	1	22	2	24	0
Wednesday	3-Apr	40° clear	5:00-5:20	24	0	24	0	24	0
Wednesday	24-Apr	75° clear	5:20-5:40	24	0	23	1	24	0
Thursday	28-Mar	45° light rain	5:40-6:00	22	2	23	1	22	2
Thursday	25-Apr	66° clear	5:30-5:50	24	0	23	1	21	3
Friday	5-Apr	54° clear	5:25-5:45	24	0	24	0	24	0
Friday	12-Apr	37° light rain	5:25-5:45	20	4	21	3	17	7
Saturday	30-Mar	50° clear	11:20-11:40	22	2	22	2	22	2
Saturday	13-Apr	40° cloudy	11:20-11:40	17	7	18	6	19	5
Sunday	14-Apr	50° cloudy	11:25-11:45	18	6	19	5	19	5
Wednesday	3-Apr	45° clear	3:25-3:45	20	4	21	3	23	1
Wednesday	10-Apr	60° cloudy	3:25-3:45	18	6	20	4	20	4
Thursday	11-Apr	50° p. cloudy	3:25-3:45	22	2	23	1	23	1
Friday	12-Apr	38° rain	3:25-3:45	16	8	18	6	18	6
Saturday	13-Apr	50° cloudy	3:30-3:50	21	3	20	4	20	4

RSM Parking Counts

Wells Avenue Parking

Day	Date	Weather	Time Interval	Count 1	Count 2	Count 3
				# Parked	# Parked	# Parked
Monday	8-Apr	68° clear	5:20-5:40	18	19	18
Monday	22-Apr	50° cloudy	5:10-5:30	23	20	22
Tuesday	2-Apr	40° clear	5:20-5:40	17	18	19
Tuesday	9-Apr	65° clear	5:20-5:40	21	22	21
Wednesday	3-Apr	40° clear	5:00-5:20	24	24	24
Wednesday	24-Apr	75° clear	5:20-5:40	21	23	23
Thursday	28-Mar	45° light rain	5:40-6:00	14	14	15
Thursday	25-Apr	66° clear	5:30-5:50	18	17	16
Friday	5-Apr	54° clear	5:25-5:45	9	10	7
Friday	12-Apr	37° light rain	5:25-5:45	17	13	12
Saturday	30-Mar	50° clear	11:20-11:40	13	15	15
Saturday	13-Apr	40° cloudy	11:20-11:40	8	8	8
Sunday	14-Apr	50° cloudy	11:25-11:45	3	3	2
Wednesday	3-Apr	45° clear	3:25-3:45	16	15	15
Wednesday	10-Apr	60° cloudy	3:25-3:45	15	14	14
Thursday	11-Apr	50° p. cloudy	3:25-3:45	16	18	17
Friday	12-Apr	38° rain	3:25-3:45	11	15	17
Saturday	13-Apr	50° cloudy	3:30-3:50	5	7	8

The Wells Avenue Parking area is open to all public use in the area; some of the observed vehicles may be attributable to non-RSM/Dance Fever uses.

Appendix B - RSM Spring 2013 Classes by Day

Monday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Mon	3:30 PM	10	0	10	115	0	115
Mon	3:45 PM	3	0	3	32	0	32
Mon	4:00 PM	2	0	2	25	0	25
Mon	4:15 PM	1	0	1	8	0	8
Mon	5:00 PM	1	6	7	15	70	85
Mon	5:15 PM	5	0	5	46	0	46
Mon	5:30 PM	2	6	8	25	70	95
Mon	5:45 PM	4	2	6	41	24	65
Mon	6:00 PM	3	0	3	36	0	36
Mon	6:15 PM	0	2	2	0	16	16
Mon	6:30 PM	1	0	1	12	0	12
Mon	6:45 PM	1	4	5	13	29	42
Mon	7:00 PM	2	1	3	20	15	35
Mon	7:15 PM	0	2	2	0	22	22
Mon	7:30 PM	0	2	2	0	25	25
Mon	7:45 PM	0	3	3	0	36	36
Mon	8:00 PM	0	3	3	0	35	35
Mon	8:30 PM	0	3	3	0	33	33
Mon	8:45 PM	0	1	1	0	13	13
TOTALS		35	35	70	388	388	

Tuesday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Tue	2:30 PM	4	0	4	34	0	34
Tue	3:15 PM	1	0	1	10	0	10
Tue	3:30 PM	8	0	8	89	0	89
Tue	4:00 PM	4	2	6	43	16	59
Tue	4:15 PM	2	0	2	25	0	25
Tue	4:30 PM	0	2	2	0	18	18
Tue	4:45 PM	2	0	2	21	0	21
Tue	5:00 PM	0	1	1	0	7	7
Tue	5:30 PM	3	5	8	36	61	97
Tue	5:45 PM	1	2	3	9	22	31
Tue	6:00 PM	2	6	8	18	64	82
Tue	6:15 PM	3	2	5	30	25	55
Tue	6:45 PM	0	1	1	0	9	9
Tue	7:00 PM	1	1	2	9	12	21
Tue	7:30 PM	0	3	3	0	36	36
Tue	7:45 PM	0	2	2	0	19	19
Tue	8:00 PM	0	2	2	0	15	15
Tue	8:15 PM	0	1	1	0	9	9
Tue	8:45 PM	0	1	1	0	11	11
TOTALS		31	31	62	324	324	

Wednesday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Wed	3:30 PM	9	0	9	104	0	104
Wed	3:45 PM	2	0	2	24	0	24
Wed	4:00 PM	2	0	2	26	0	26
Wed	4:15 PM	2	0	2	20	0	20
Wed	4:30 PM	1	0	1	10	0	10
Wed	5:00 PM	1	1	2	11	12	23
Wed	5:15 PM	1	0	1	6	0	6
Wed	5:30 PM	2	7	9	25	84	109
Wed	5:45 PM	4	3	7	39	35	74
Wed	6:00 PM	0	2	2	0	22	22
Wed	6:15 PM	2	1	3	22	9	31
Wed	6:30 PM	3	2	5	40	22	62
Wed	6:45 PM	1	2	3	8	11	19
Wed	7:00 PM	0	1	1	0	11	11
Wed	7:30 PM	0	2	2	0	25	25
Wed	7:45 PM	0	3	3	0	26	26
Wed	8:00 PM	0	1	1	0	14	14
Wed	8:15 PM	0	1	1	0	16	16
Wed	8:30 PM	0	2	2	0	26	26
Wed	8:45 PM	0	2	2	0	22	22
TOTALS		30	30	60	335	335	

Thursday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Thu	3:30 PM	8	0	8	87	0	87
Thu	3:45 PM	5	0	5	52	0	52
Thu	4:15 PM	2	0	2	21	0	21
Thu	4:45 PM	1	0	1	3	0	3
Thu	5:00 PM	1	1	2	9	13	22
Thu	5:15 PM	2	2	4	22	18	40
Thu	5:30 PM	3	6	9	29	63	92
Thu	5:45 PM	3	3	6	35	32	67
Thu	6:00 PM	4	1	5	40	11	51
Thu	6:15 PM	0	1	1	0	8	8
Thu	6:30 PM	1	0	1	10	0	10
Thu	6:45 PM	0	2	2	0	23	23
Thu	7:00 PM	1	1	2	6	9	15
Thu	7:15 PM	0	2	2	0	17	17
Thu	7:30 PM	0	2	2	0	17	17
Thu	7:45 PM	0	2	2	0	24	24
Thu	8:00 PM	0	3	3	0	30	30
Thu	8:15 PM	0	1	1	0	11	11
Thu	8:30 PM	0	4	4	0	38	38
TOTALS		31	31	62	314	314	

Friday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Fri	3:15 PM	2	0	2	19	0	19
Fri	3:30 PM	8	0	8	78	0	78
Fri	3:45 PM	1	0	1	7	0	7
Fri	4:15 PM	1	0	1	8	0	8
Fri	4:30 PM	2	1	3	20	13	33
Fri	4:45 PM	0	1	1	0	7	7
Fri	5:00 PM	1	2	3	15	12	27
Fri	5:15 PM	0	1	1	0	12	12
Fri	5:30 PM	2	6	8	18	65	83
Fri	5:45 PM	2	1	3	21	7	28
Fri	6:00 PM	2	0	2	8	0	8
Fri	6:30 PM	2	2	4	24	23	47
Fri	6:45 PM	1	1	2	8	8	16
Fri	7:00 PM	0	1	1	0	2	2
Fri	7:30 PM	0	2	2	0	18	18
Fri	7:45 PM	0	2	2	0	21	21
Fri	8:00 PM	0	1	1	0	15	15
Fri	8:30 PM	0	2	2	0	15	15
Fri	8:45 PM	0	1	1	0	8	8
TOTALS		24	24	48	226	226	

Saturday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Sat	8:45 AM	7	0	7	78	0	78
Sat	9:00 AM	6	0	6	85	0	85
Sat	9:15 AM	2	0	2	22	0	22
Sat	9:30 AM	1	0	1	16	0	16
Sat	10:00 AM	1	0	1	13	0	13
Sat	10:45 AM	1	6	7	12	71	83
Sat	11:00 AM	7	3	10	87	39	126
Sat	11:15 AM	3	3	6	29	29	58
Sat	11:30 AM	6	5	11	73	75	148
Sat	12:30 PM	0	3	3	0	38	38
Sat	12:45 PM	3	2	5	35	19	54
Sat	1:00 PM	2	9	11	30	114	144
Sat	1:15 PM	8	2	10	97	22	119
Sat	1:30 PM	2	0	2	14	0	14
Sat	2:00 PM	0	1	1	0	8	8
Sat	2:15 PM	1	0	1	13	0	13
Sat	2:30 PM	0	1	1	0	8	8
Sat	2:45 PM	2	3	5	24	35	59
Sat	3:00 PM	2	1	3	24	12	36
Sat	3:15 PM	3	4	7	32	44	76
Sat	3:30 PM	3	2	5	38	24	62
Sat	3:45 PM	7	6	13	88	80	168
Sat	4:15 PM	0	1	1	0	9	9
Sat	4:30 PM	0	1	1	0	12	12
Sat	4:45 PM	0	1	1	0	10	10
Sat	5:00 PM	0	2	2	0	30	30
Sat	5:15 PM	1	8	9	9	100	109
Sat	5:30 PM	0	2	2	0	20	20
Sat	5:45 PM	0	1	1	0	11	11
Sat	6:15 PM	0	1	1	0	9	9
TOTALS		68	68	136	819	819	

Sunday

Day	Time	Classes			Students		
		Starting	Ending	Total	Starting	Ending	Total
Sun	8:45 AM	2	0	2	20	0	20
Sun	9:00 AM	5	0	5	70	0	70
Sun	9:15 AM	4	0	4	41	0	41
Sun	9:30 AM	2	0	2	16	0	16
Sun	9:45 AM	2	0	2	24	0	24
Sun	10:00 AM	2	0	2	18	0	18
Sun	10:45 AM	1	3	4	14	33	47
Sun	11:00 AM	2	2	4	24	17	41
Sun	11:15 AM	2	1	3	21	10	31
Sun	11:30 AM	5	5	10	63	64	127
Sun	11:45 AM	2	3	5	14	39	53
Sun	12:00 PM	2	0	2	23	0	23
Sun	12:30 PM	1	2	3	14	18	32
Sun	12:45 PM	1	2	3	13	23	36
Sun	1:00 PM	1	5	6	15	67	82
Sun	1:15 PM	3	3	6	30	24	54
Sun	1:30 PM	4	1	5	46	11	57
Sun	1:45 PM	2	0	2	21	0	21
Sun	2:00 PM	0	4	4	0	51	51
Sun	2:15 PM	5	2	7	53	18	71
Sun	2:30 PM	1	0	1	11	0	11
Sun	3:00 PM	0	1	1	0	15	15
Sun	3:15 PM	1	0	1	10	0	10
Sun	3:30 PM	0	1	1	0	10	10
Sun	3:45 PM	2	6	8	20	65	85
Sun	4:00 PM	5	2	7	54	26	80
Sun	4:15 PM	1	1	2	7	9	16
Sun	4:45 PM	1	2	3	8	26	34
Sun	5:15 PM	0	3	3	0	21	21
Sun	5:30 PM	0	4	4	0	38	38
Sun	5:45 PM	1	1	2	6	8	14
Sun	6:15 PM	0	2	2	0	20	20
Sun	6:30 PM	0	3	3	0	37	37
Sun	6:45 PM	0	1	1	0	6	6
TOTALS		60	60	120	656	656	

Appendix C - Dance Fever Spring 2013 Classes by Day

MONDAY

Time	Students	Teachers	Adults	Total
2-3pm	2	2		4
3-4pm	4	4		8
4-5pm	17	6		23
5-6pm	9	7		16
6-7pm	33	8		41
7-8pm	29	6	1	36
8-9pm	13	7	4	24
TOTALS	107		5	

TUESDAY

Time	Students	Teachers	Adults	Total
2-3pm	2	2		4
3-4pm	3	3		6
4-5pm	11	4		15
5-6pm	12	6		18
6-7pm	23	9		32
7-8pm	17	8		25
8-9pm	17	4		21
TOTALS	85		0	

WEDNESDAY

Time	Students	Teachers	Adults	Total
2-3pm	1	2		3
3-4pm	5	4		9
4-5pm	14	8		22
5-6pm	23	10		33
6-7pm	28	8		36
7-8pm	15	8	1	24
8-9pm	12	6	3	21
TOTALS	98		4	

THURSDAY

Time	Students	Teachers	Adults	Total
2-3pm	1	1		2
3-4pm	5	3		8
4-5pm	8	6		14
5-6pm	16	0		16
6-7pm	21	10		31
7-8pm	18	9		27
8-9pm	7	6	5	18
TOTALS	76		5	

FRIDAY

Time	Students	Teachers	Adults	Total
2-3pm	2	2		4
3-4pm	3	3		6
4-5pm	6	2		8
5-6pm	17	3		20
6-7pm	24	9		33
7-8pm	19	10	1	30
8-9pm	11	7	2	20
TOTALS	82		3	

SATURDAY

Time	Students	Teachers	Adults	Total
9-10am	1	1		2
10-11am	25	5		30
11-12pm	22	8		30
12-1pm	12	7		19
1-2pm	17	7		24
2-3pm	7	5		12
3-4pm	9	4		13
TOTALS	93		0	

SUNDAY

Time	Students	Teachers	Adults	Total
9-10am	1	1		2
10-11am	5	2		7
11-12pm	10	3		13
12-1pm	2	2		4
1-2pm	1	1		2
2-3pm	2	1		3
3-4pm	4	3		7
6-7:30pm*	17			17
TOTALS	42		0	

* Practice Night