

Curriculum

VHS and VSW Average Class Sizes

List of Classes at Valley Receiving Less than 15 Requests in 01-02

Analysis of VHS and VSW Core Subjects Class Sizes

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Standardized Testing at VHS 1958-2001

Valley and Valley Southwoods Class Sizes															
Combined First and Second Semester															
	Valley						Valley Southwoods						Combined		
	Students	Classes	Class Size	Sections	Section Size	Students	Classes	Class Size	Sections	Section Size	Students	Classes	Class Size	Sections	Section Size
Department															
Art	737	41	17.98	41	17.98	306	16	19.13	16	19.13	1043	57	18.30	57	18.30
Business Education	493	28	17.61	30	16.43	148	6	24.67	6	24.67	641	34	18.85	36	17.81
Computer Science	289	18	16.06	18	16.06	289					289	18	16.06	18	16.06
English & Language Arts	3170	156	20.32	156	20.32	1042	46	22.65	52	20.04	4212	202	20.85	208	20.25
Family & Consumer Sciences	648	40	16.20	43	15.07	84	5	16.80	5	16.80	732	45	16.27	48	15.25
World Languages	1848	103	17.94	109	16.95	537	28	19.18	31	17.32	2385	131	18.21	140	17.04
Mathematics	2628	118	22.27	118	22.27	595	25	23.80	29	20.52	3223	143	22.54	147	21.93
Science	2746	128	21.45	128	21.45	593	25	23.72	30	19.77	3339	153	21.82	158	21.13
Social Studies	3078	134	22.97	134	22.97	582	25	23.28	28	20.79	3660	159	23.02	162	22.59
Technology Education	535	31	17.26	33	16.21	106	6	17.67	6	17.67	641	37	17.32	39	16.44
Subtotal	16172	797	20.29	810	19.97	3993	182	21.94	203	19.67	20165	979	20.60	1013	19.91
Miscellaneous *	613	31	19.77	55	11.15	49	8	6.13	8	6.13	662	39	16.97	63	10.51
Subtotal of above	16785	828	20.27	865	19.40	4042	190	21.27	211	19.16	20827	1018	20.46	1076	19.36
Music	1000	20	50.00	20	50.00	522	11	47.45	12	43.50	1522	31	49.10	32	47.56
Physical Education	2985	125	23.88	201	14.85	622	23	27.04	23	27.04	3607	148	24.37	224	16.10
Subtotal	20770	973	21.35	1086	19.13	5186	224	23.15	246	21.08	25956	1197	21.68	1332	19.49
ESL	106	18	5.89	18	5.89	26	8	3.25	8	3.25	132	26	5.08	26	5.08
Courses listed as Practical& At Risk	751	119	6.31	119	6.31	341	50	6.82	50	6.82	1092	169	6.46	169	6.46
Total	21627	1110	19.48	1223	17.68	5553	282	19.69	304	18.27	27180	1392	19.53	1527	17.80
* For the purpose of this table courses taught off of the two campuses are excluded such as post-secondary education and Central Campus courses. Some sections such as student council and ROTC are also excluded															
The number of classes and sections differ.															
When two course listing meet together in one classroom at the same time then they are listed as one class in the table above but they are listed as two sections.															
ESL, Practical and At Risk courses are taught in various departments above but for this table they are listed separately from their department listings.															
This table is prepared from enrollment and scheduling information furnished by the district in March 2002. It includes first and second semester information. First semester and second semester are added together.															

LIST OF CLASSES AT VALLEY RECEIVING LESS THAN 15 REQUESTS IN 01-02

This document was prepared using a 1st semester schedule for 2001-02 that included listings for second semester classes. Some classes would change in size when the final second semester schedule was finalized after students dropped and added classes. However, this will give a general idea of the class sizes for the year.

CLASS

REQUESTS

ART

Printmaking Applications

11 dropped 02-03, low enrollment

BUSINESS

Business Applications 1st Semester

12 11 total requests for 02-03, so only

Business Applications 2nd Semester

10 spring semester next year

Accounting II 1st Semester

4 combined next year with

Accounting II 2nd Semester

3 Accounting I for whole year

Marketing Education 1st Semester

10 similar numbers next year but

Marketing Education 2nd Semester

6 keeping, reaches "at risk"

Business Internship 1st Semester

11 students and both include

Business Internship 2nd Semester

10 job experience

COMPUTER SCIENCE

Advanced Programming in Basic 1st Semester

5 uneven flow in semesters like this
year, 02-03 has 33 2nd semester

AP Computer Science AB 1st Semester

14 02-03 26 1st semester 24 in 2nd

AP Computer Science AB 2nd Semester

14

Advanced Programming Languages

0 dropped for 02-03

Advanced Computer Applications

? dropped for 02-03

LANGUAGE ARTS

Language & Literature 1st Semester

12 required for 9th graders who did not

Language & Literature 2nd Semester

9 pass the course previous year

Reading & Writing 2nd Semester

10 help class paired with Fundamentals
Of Writing

Creative Writing 2 1st Semester

13

Creative Writing 2 2nd Semester

11

Debate 1

7 taught together 1st semester

Debate 3

3

Debate 2

4 taught together 2nd semester

Debate 4

2 next year Southwoods Debate 2
will come to Valley for class (13)

Publications: Newspaper 1st Semester	10	Journalism 1 is a prerequisite
Publications: Newspaper 2nd Semester	14	
Publications: Yearbook 1st Semester	13	
Publications: Yearbook 2nd Semester	13	
Advanced Publications Concepts 1st Sem	1	only 1 again in 02-03, taught with
Advanced Publications Concepts 2nd Sem	1	newspaper & yearbook
AP Composition & Literature 1st Sem	5	year-long course, 16 for 02-03
AP Composition & Literature 2nd Sem	5	
Transitional English 1st Semester	7	their version of Language &
Transitional English 2nd Semester	2	Literature
English as Second Language II 1st Sem	3	required and has some separate
English as Second Language II 2nd Sem	3	funding
English as Second Language III 1st Sem	6	
English as Second Language III 2nd Sem	5	
ESL IV 1st Semester	5	
ESL IV 2nd Semester	4	
ESL Reading 1st Semester	6	
ESL Reading 2nd Semester	5	
Theory & Practice in Government 1st Sem	14	help class paired with government
Theory & Practice in Government 2nd Sem	10	

FAMILY & CONSUMER SCIENCE

Sewing 1	2	like this year, taught with Creative Sewing, 7 for 02-03
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WORLD LANGUAGES

German I 1st Semester	11	
German I 2nd Semester	12	
Latin I 1st Semester	2	
Latin I 2nd Semester	2	
Russian I 1st Semester	0	5 students are taking it at SW this
Russian I 2nd Semester	0	year, will not be offered in 02-03
Japanese I 1st Semester	9	02-03 Valley will travel to Swoods
Japanese I 2nd Semester	10	for Japanese 1 class
Latin II 1st Semester	9	
Latin II 2nd Semester	9	
Russian II 1st Semester	5	will phase out after 02-03
Russian II 2nd Semester	5	
Japanese II 1st Semester	10	
Japanese II 2nd Semester	10	
Latin III 1st Semester	5	
Latin III 2nd Semester	5	
Russian III 1st Semester	8	will phase out after 02-03
Russian III 2nd Semester	8	

Japanese III 1st Semester	5	
Japanese III 2nd Semester	5	
German IV 1st Semester	5	
German IV 2nd Semester	5	
Latin IV 1st Semester	6	
Latin IV 2nd Semester	6	
Russian IV 1st Semester	6	will phase out after 02-03
Russian IV 2nd Semester	5	
Japanese IV 1st Semester	3	
Japanese IV 2nd Semester	3	
AP French 1st Semester	13	
AP French 2nd Semester	13	

MATHEMATICS

Functions B/Analytic B	11	not offered 02-03
AP Calculus BC 1st Semester	11	02-03 has 19 signed up
AP Calculus BC 2nd Semester	12	
AP Calculus Comp	11	not offered 02-03

SOCIAL STUDIES

US History for English Language Learners 1st Sem	11	
US History for English Language Learners 2nd Sem	11	

TECHNOLOGY EDUCATION

Practical Electricity-Electronics	12	
Drafting CAD 1st Semester	12	taught in same period 01-02 and will
Drafting CAD 2nd Semester	11	do again in 02-03
CAD Drafting 1	7	
CAD Drafting 2	8	
Electronics 1st Semester	14	
Electronics 2nd Semester	14	
Construction 1st Semester	12	
Construction 2nd Semester	13	
Survey of Engineering 1st Semester	0	next year have 10 signed up
Survey of Engineering 2nd Semester	0	

Analysis of Valley and Valley Southwoods Core Subjects Class Sizes

This document was prepared using a 1st semester schedule for 20001-02 that included listings for second semester classes. Second semester classes are included in the sections and averages given below. Some classes would change in size when the final second semester schedule was finalized after students dropped and added classes. However, this will give a general idea of the class sizes Valley students encounter in “core” classes.

VALLEY – BREAKDOWN BY CORE SUBJECTS

<u>Department</u>	<u>Overall class average</u>	<u>Over Cap</u>
English & Language		
Speech Communications	190/8 = 23.8	2 classes (27 & 25)
Fundamentals of Writing	491/22 = 22.3	1 class (25)
Speech/Composition	221/10 = 22.1	
World Language		
Spanish I	163/6 = 27.2	3 classes (27, 29, 29)
Spanish II	496/22 = 22.5	
Spanish III	357/16 = 22.3	
Spanish IV	261/12 = 21.8	
Mathematics		
Algebra A	191/10 = 19.1	
Geometry A	460/20 = 23	2 classes (25, 26)
Geometry B	488/22 = 22.2	
Algebra II	469/18 = 26.1	
Algebra II/Trig B	503/18 = 27.9	
Algebra II/Trig C	74/4 = 18.5	
Functions B	136/5 = 27.2	
Science		
Biology	998/40 = 24.9	3 classes (26, 27, 28)
Chemistry	914/38 = 24.1	1 class (27)
Physics	222/8 = 27.8	3 classes (29, 29, 29)
Social Studies		
Western Civilization	372/16 = 23.3	
U.S. History	1093/44 = 24.8	
Economics	521/22 = 23.7	1 class (26)
Government	510/21 = 24.3	4 classes(26,26,26,28)

VALLEY SOUTHWOODS – BREAKDOWN BY CORE SUBJECTS

<u>Department</u>	<u>Overall class average</u>	<u>Over Cap</u>
English & Language Language & Literature	591/25 = 23.6	3 classes (28, 28, 28)
World Languages		
Spanish I	241/9 = 26.8	3 classes (29, 29, 29)
Spanish II	119/5 = 23.8	
Mathematics		
Pre-Algebra	101/5 = 20.2	2 classes (24, 24)
Algebra A	125/7 = 17.8	1 class (20)
Algebra B	313/11 = 28.5	2 classes (30, 31)
Geometry	60/2 = 30	1 over (32)
Science	608/25 = 24.3	2 classes (28, 29)
Social Studies	593/25 = 23.7	2 classes (28, 28)

STUDENT LANGUAGE CHOICES

The following tables detail the foreign language choices made in the fall of 2001 for the first semester of school. The first table shows that of all the students studying a first year in a language, 68% picked to study Spanish, while 1% picked to study Russian. Similar data is given for the choices made in the 2nd, 3rd, 4th, and AP years of language study.

The final table includes an additional column of data. The last column tells what percent of the total high school student body is selecting each one of the languages in the first semester. As you can see, about 58% of the 2,543 WDM high school students are studying a foreign language. (2,543 = Valley 1730, Southwoods 632, Walnut Creek 181. Note: 37 HS special education students not included in the total.)

Of those 2,543 high school students, 1.7% take Japanese, 1.5% take Latin, and .9% take Russian. When you combine the students in those 3 languages, the total of 4.1% is less than the 5% of students selecting German.

1ST YEAR OF LANGUAGE

	VHS	VSW	TOTAL	% 1st YR
SPANISH	83	241	324	68%
FRENCH	17	33	50	10%
GERMAN	11	45	56	12%
JAPANESE	9	15	24	5%
LATIN	1	17	18	4%
RUSSIAN	0	5	5	1%
TOTALS	121	356	477	100%

2ND YEAR OF LANGUAGE

	VHS	VSW	TOTAL	% 2nd YR
SPANISH	247	119	366	72%
FRENCH	45	32	77	15%
GERMAN	44	0	44	9%
JAPANESE	10	0	10	2%
LATIN	9	0	9	2%
RUSSIAN	5	0	5	1%
TOTALS	360	151	511	100%

3RD YEAR OF LANGUAGE

	VHS	VSW	TOTAL	% 3rd YR
SPANISH	179	1	180	65%
FRENCH	57	0	57	21%
GERMAN	22	0	22	8%
JAPANESE	5	0	5	2%
LATIN	5	0	5	2%
RUSSIAN	8	0	8	3%
TOTALS	276	1	277	100%

4TH YEAR OF LANGUAGE

	VHS	VSW	TOTAL	% 4th YR
SPANISH	131	0	131	70%
FRENCH	35	0	35	19%
GERMAN	5	0	5	3%
JAPANESE	3	0	3	2%
LATIN	6	0	6	3%
RUSSIAN	6	0	6	3%
TOTALS	186	0	186	100%

AP/COLLEGE LANGUAGE

	VHS	% AP
SPANISH	30	70%
FRENCH	13	30%
TOTAL	43	100%

1ST YEAR THRU AP - TOTALS

	TOTAL	% LANG	% ALL KIDS
SPANISH	1001	68%	39.4%
FRENCH	232	16%	9.1%
GERMAN	127	9%	5.0%
JAPANESE	42	3%	1.7%
LATIN	38	3%	1.5%
RUSSIAN	24	2%	0.9%
TOTAL	1464	100%	57.6%

Combined Language Classes

For Japanese, Latin, and Russian, the level III and Level IV classes are taught together at the same time/period.

Japanese III	5	Latin III	5	Russian III	8
Japanese IV	3	Latin IV	6	Russian IV	6
Class of	8	Class of	11	Class of	14

The one Valley student who picked to study Latin I was sent to SW this year to join the 17 students there.

New Class Sharing for 02-03

Next year, Valley students who choose Japanese I will travel to Southwoods for the class:

9 Valley students 1st semester and 10 Valley students 2nd semester of 2001-02.

Two sections of Japanese I were taught at Southwoods 1st semester of this school year:

6 students 1st period & 9 students 2nd period.

Two sections of Japanese I were also taught at Southwoods 2nd semester of this year:

6 students 1st period & 7 students 2nd period.

Russian Discontinued for 02-03

Valley and Valley Southwoods both requested the district to start phasing out Russian I in 01-02. However, the Russian teacher wrote to the Superintendent and the decision was changed and Russian I was taught this year.

However, Russian I will not be taught in 02-03 and Russian II – IV will be phased out in the following years. The phasing out process will allow students who started in Russian to have the opportunity to continue up to the currently-offered four years.

Iowa City High Schools and Japanese

At Iowa City West, the '01-'02 course handbook lists Japanese I only and states: "Note: Based on previous student enrollment, it will be unlikely a sequential four year Japanese language experience will be available for students." Students can take German I–V, French I-V, and Spanish I-V with additional offerings of Basic Spanish, Spanish II Honors, and Spanish III Honors.

At Iowa City High, the '01-'02 course handbook lists both Japanese I and II, but no additional courses in that language. Students can take the same German and French as West, and the same Spanish as West except Basic Spanish is not offered.

SHARING OF STUDENTS BY VALLEY AND SOUTHWOODS

Students are transported by the district and shared between buildings during periods 1-6 of the school day. No sharing occurs during period 7. Students are also shared in period 8, however, the students provide their own transportation.

Sharing currently occurs in the following subject areas:

- Band
- Biology
- Foreign Language
- Language Arts.

For example, Language Arts sharing occurs when a 9th grade student has tested out of 9th grade Language and Literature and/or Fundamentals of Writing.

Sharing also occurs when a new student moves to the district and sharing is needed to allow that student to complete a course taken as a 9th grader in the old district, but offered only at Valley. For example, a 9th grade new student is allowed to finish U.S. History at Valley if currently taking the course at the prior school.

Students who are transported report they can miss anywhere from 5-20 minutes of class time. Some don't miss any class time because they begin the day at Valley and have a study hall at Southwoods upon their return. Some may miss more class time depending on their schedule and transportation.

Sharing is further complicated by the fact that Valley runs block scheduling on Tuesday and Wednesday while Southwoods runs an 8-period day every day.

New sharing planned to start in 02-03 includes:

- Southwoods Debate 2 will come to Valley for the class – 13 students
- Japanese I Valley students will travel to Southwoods for the class
- Latin I Valley students will travel to Southwoods for the class

Student/Teacher/Staffing Ratios

When calculating student/teacher staffing ratios the district utilizes the teacher full-time equivalency total from the Basic Educational Data Survey (BEDS) document and the number of students enrolled as indicated in the monthly enrollment report. The teacher full-time equivalency total does not include administrators, counselors or support staff.

Valley High School	
Grade	Teacher full-time equivalency total
10	35.7
11	34
12	34
Special Education Self-contained Prekindergarten	0
Special Education Self-contained (2.35-3.74)	1
Special Education Resource Room FTE	10
Total	114.7

(Resource program listed above serves special education students with mild disabilities; i.e. mild disabilities in the areas of math, reading, and writing.)

Example: The monthly enrollment report for January 2002 reported Valley High School with 1702 students in attendance. When $1702/114.7=14.8$. This means the student/teacher/staffing ratio is 14.8 to 1.

Memorandum

To: Interested Staff, Community Members, etc.

From: Jim O'Dea

Date: 04/12/02

Re: Standardized Testing at Valley High School 1958-2001

The attached information was compiled from documents at Valley High School and the Learning Resource Center. Any information not listed in a cell had no documentation available.

ACT reported scores of all students (juniors, seniors) that took the test during a particular year. In 1985, they started reporting the scores of the graduating class.

ACT reported the National Ranking of VHS for only six years(82-87). For example, in 1987 with 2080 students in attendance Valley scored better than 98% of all schools taking the ACT in the nation.

In 1990, an enhanced version of the ACT replaced the former test.

Valley never fell below the national average for ACT or SAT. Valley fell below the 90th percentile on the ITED's only 4 times during the last 43 years.

Valley was below the State average once in 1974 on the ACT's.

Valley fell below the State average on the verbal part of the SAT's on several occasions.

Valley was only below the State average on total SAT scores once in 1989.

The size of the school has ranged from 888 (1958, grades 6-12) to 2316 (1977, grades 9-12) without any significant change in test scores.

SOUTHWOODS NCA ACCREDITATION SURVEYS

PARENT OPINION SURVEY

During the summer of 2000, the Valley Southwoods staff distributed a survey to a random sampling of parents. Parents returned around 80 surveys, from which the following results were garnered. Below you will see the survey response options, strengths noted by parents and areas of concern they had.

5 Strongly agree 3 Neutral 2 Disagree Survey Midpoint: 3
 4 Agree 1 Strongly Disagree Composite Average: 3.58

Notable Strengths	Score
Safe, clean, well-maintained school facilities	4.34
Students have access to a variety of resources (technology, media, etc.	4.14
Our school is doing a fine job in the area of fine arts (music, visual arts, drama, etc.	4.06
School rules and regulations are reasonable	3.91
Teachers hold high expectations for student learning	3.86

Areas of Concern	Score
School counselors give students the help they need for career planning.	2.85
Teachers communicate regularly with parents.	2.84
Students are motivated to do their best work.	3.11
Students see a relationship between what they are studying and their everyday lives.	3.14
Our school is doing a good job of helping students understand their moral and ethical responsibilities.	3.32

TEACHER SURVEY RESULTS

The NCA committee surveyed the Valley Southwoods teaching staff in May of 2000. All staff members employed at the time responded to the survey.

5 Strongly agree 3 Neutral 2 Disagree Survey Midpoint: 3
 4 Agree 1 Strongly Disagree Composite Average: 3.86

Notable Strengths	Score
Teachers are available to give students the assistance they need with assignments.	4.70
The school's facilities are adequate to support the instructional programs.	4.57
Teachers hold high expectations for students.	4.54
Students are provided with educational programs appropriate to their needs.	4.51
A variety of teaching strategies and learning activities is provided to students to help them learn.	4.51

Areas of Concern	Score
The size of our classes does not limit instructional effectiveness.	2.46
Teachers and administrators in our school consistently enforce school rules.	2.86
The principal is appropriately in contact with teachers and their classroom activities.	2.86
School counselors give students the help they need in planning a vocation/career.	2.94
Students are motivated to do their best work.	3.38

SUPPORT STAFF SURVEY RESULTS

4 Strongly Agree 3 Agree 2 Disagree 1 Strongly Disagree Survey Midpoint 2.5

Notable Strengths	Score
Our school provides students and staff with a safe and orderly environment for learning.	3.56
The building has a sense of common mission.	3.52
I am satisfied with my decision to work at Valley Southwoods.	3.38
I have access to technology.	3.35
Students and teachers expectations of me are reasonable.	3.20

Areas of Concern	Score
Support staff have the freedom to present conflicting views on controversial issues.	2.58
Support staff are part of the problem-solving process at Valley Southwoods.	2.60
Support staff are respected in this school.	2.75
My workload at VSW is equitable to that of other buildings.	2.83
The administration makes decisions that support me.	2.90

STUDENT SURVEY RESULTS

4 Strongly Agree 3 Agree 2 Disagree 1 Strongly Disagree Survey Midpoint 2.5

Notable Strengths	Score
I have access to technology.	3.50
I use technology to complete my work.	3.42
My school is clean and well maintained.	3.36
Teachers expect students to respect each other.	3.33
Teachers know their subject area.	3.30

Areas of Concern	Score
I choose to read outside of school.	2.42
I am motivated to learn.	2.51
Students care about learning.	2.63
I keep a daily record of my assignments and use my time wisely.	2.69
I give my best effort at school.	2.88