

Memorandum

To: Members of the Brookfield Board of Education
From: Maureen Ruby, Assistant Superintendent
Cc: John W. Barile, Sr., Superintendent
Date: November 15, 2017
Re: Class Size Report for the 2017-2018 School Year

Brookfield Board of Education class size guidelines:

- **Center School:** 17-20 students with a target of 19 students;
- **Huckleberry Hill School:** 19-21 students with a target of 20 students;
- **Whisconier Middle School:**... 21-23 students for grades 5 & 6 with a target of 22 students;
- **Whisconier Middle School:**... 20-22 students for grades 7 & 8 with a target of 21 students; and
- **Brookfield High School:** 19-21 students with a target of 20 students.

The class size guidelines for elective/UNAH/PE classes are as follows: Art, Family & Consumer Science, Technology Education and Music classes are 15-19 students and Music may vary depending on the ensembles; Health, Physical Education and Business classes are 21-23 students.

Center Elementary School

- 0 of the 17 general education classes (0%) are below class size guidelines of 17-20 students
- 17 of 17 general education classes are within (100%) the class size guideline of 17-20 students
- 0 of 17 general education classes are above (0%) the class size guideline of 17-20 students

Grade K

8 classes; 148 students

- 4 classes with 18 students
- 4 classes with 19 students

Grade One

9 classes; 169 students

- 3 classes with 18 students
- 5 classes with 19 students
- 1 class with 20 students

Huckleberry Hill Elementary School

- Total number of students: 523
- 0 of 26 general education classes (0%) are BELOW class size guidelines.
- 22 of 26 general education classes (85%) are WITHIN class size guidelines. Each of the classes has 19-21 students.
- 4 of 26 general education classes (15%) are ABOVE class size guidelines. Each of the classes has 22 students.

Grade 2

9 classes, 173 students

7 classes with 19 students

2 classes with 20 students

Grade 3

8 classes, 171 students

5 classes with 21 students

3 classes with 22 students

Grade 4

9 classes, 179 students

3 classes with 19 students

5 classes with 20 students

1 class with 22 students

Whisconier Middle School

Whisconier Middle School: 21-23 students for grades 5 & 6 with a target of 22 students

Whisconier Middle School: 20-22 students for grades 7 & 8 with a target of 21 students

– **5th Grade:**

- Of the 35 sections of classes of math, literacy, science, and social studies, 22 sections (**62%**) of them are **above** the recommended class size guidelines.

– **6th Grade:**

- Of the 42 sections of classes of math, literacy, science, and social studies, 28 sections (**67%**) of them are **above** the recommended class size guidelines.

– **7th Grade:**

- Of the 51 sections of classes of math, literacy, science, social studies and World Language, 12 sections **(24%)** of them are **above** the recommended class size guidelines.

– **8th Grade:**

- Of the 54 sections of classes of math, literacy, science, social studies and World Language, 31 sections **(57%)** of them are **above** the recommended class size guidelines.

UNAH - Specials

21st Century Skills: Of the 20 sections in grades 7-8, 8 sections are **above** the class size guidelines. **(40%)**

Art Classes: Of the 40 sections, 14 sections are **above** the class size guidelines. **(35%)**

Performing Art Classes: Of the 40 sections, 10 sections are **above** the class size guidelines. **(25%)**

Technology Education Classes: Of the 40 sections, 14 sections are **above** the class size guidelines. **(35%)**

General Music Classes: Of the 40 sections, 13 sections are **above** the class size guidelines. **(33%)**

World Language 5th & 6th : Of the 20 sections, 7 sections are **above** the class size guidelines. **(35%)**

Chorus

- 5th Grade Chorus includes 36 students
- 6th Grade Chorus includes 42 students
- 7th Grade Chorus includes 24 students
- 8th Grade Chorus includes 42 students

Band

- 5th Grade Band includes 52 students
- 6th Grade Band includes 42 students
- 7th Grade Band includes 24 students
- 8th Grade Band includes 42 students

Physical Education Classes: Of the 120 sections, 47 sections are **above** the class size guidelines. **(39%)**

Health Classes: Of the 80 sections, there are 30 sections are **above** the class size guidelines. **(38%)**

*****There are 3 Physical Education teachers - because students take 3 rotations of PE a year.

There are 3 Music teachers - The band/chorus teachers split the rotations depending on the grade level because they have individual and group lessons. There are 2 Health teachers - because students take 2 rotations of Health a year.

Brookfield High School

English Classes: 53 sections, 13 sections (24%) are above the class size guidelines of 21 with the largest class at 28 students.

Math Classes: 54 sections, 20 sections (37%) are above the class size guidelines of 21 with the largest class at 29 students.

Social Studies Classes: 56 sections, 27 sections (48%) are above the guidelines of 21 with the largest class at 29 students.

Science Classes: 57 sections, 32 sections (56%) are above the guidelines of 21 with the largest class at 24 students.

World Language Classes: 33 sections, 13 sections (40%) are above the guidelines of 21 with the largest class at 29 students.

Spanish enrollments: 553 French enrollments: 59

Career and Technical Classes: 29 sections, 10 sections (34%) are above the guidelines of 19 with the largest class at 29 students.

Business Classes: 18 sections, 5 sections (28%) over the guidelines of 19 with the largest class at 28 students.

Art Classes: 19 sections, 2 sections (10%) are above the guidelines of 19 with the largest class at 24 students.

Music Classes: 18 sections, 6 sections (33%) are above the guidelines of 19 with the largest class at 81 students.

Health Classes: 20 sections, 10 sections (50%) are above the guidelines of 23 with the largest class at 30 students.

PE Classes: 33 sections, 28 sections (85%) are above the guidelines of 23 with the largest class at 32 students.

Brookfield High School Class Size Comparison Chart

Subject Area	# Sections 15-16	# Sections 16-17	# Sections 17-18	# and % Sections Above Target 15-16	# and % Sections Above Target 16-17	# and % Sections Above Target 17-18
English	51	46 (-5)	53 (+7)	13/25%	10/22%	13/24%
Math	57	52 (-5)	54 (+2)	26 /46%	16/31%	20/37%
Science	58	54 (-4)	57 (+3)	24/41%	22/41%	32/56%
Social St.	53	56 (+3)	56 (-)	32/60%	19/34%	27/48%
World Language	36	38 (-2)	33(-5)	15/42%	11/29%	13/40%
CTE	28	25 (-3)	29 (+4)	14/50%	4/16%	10/34%
Business	-	17	18 (+1)	-	3/18%	5/28%
Art	21	16 (-5)	19 (+3)	4/19%	1/13%	2/10%
Music	14	21 (+7)	18 (-3)	8/57%	10/48%	6/33%
Health	20	20 (-)	20 (-)	12/60%	6/30%	10/50%
P.E.	47	33 (-14)	33 (-)	34/72%	29/88%	28/85%

Whisconier Middle School

Grade 5: 204

Grade 6: 243

Grade 7: 206

Grade 8: 231

Total: 884

Homeroms:

	15-16	16-17	17-18	15-16	16-17	17-18
5th	191 (9 sections)	237 (10 sections)	204 (8 sections)	0/0% Avg. 20	9/90% Avg. 24	8/100% Avg. 25
6th	225 (10 sections)	210 (10 sections)	243 (10 sections)	2/20% Avg. 22	0/0% Avg. 21	9/90% Avg. 24
7th	239 (10 sections)	228 (10 sections)	206 (10 sections)	10/100% Avg. 24	6/60% Avg. 23	1/10% Avg. 20
8th	200 (10 sections)	240 (10 sections)	231 (10 sections)	0/0% Avg. 20	10/100% Avg. 24	8/80% Avg. 23

Math:

	15-16	16-17	17-18	15-16	16-17	17-18
5th	9 sections	10 sections	8 sections	4/44%	2/20%	7/88%
6th	10 sections	10 sections	10 sections	7/70%	2/20%	8/80%
7th	10 sections	10 sections	10 sections	6/60%	3/30%	3/30%
8th	10 sections	10 sections	10 sections	2/20%	2/20%	6/60%

Literacy:

	15-16	16-17	17-18	15-16	16-17	17-18
5th	9 sections	10 sections	8 sections	0/0%	2/20%	7/88%
6th	10 sections	9 sections	10 sections	5/50%	1/11%	8/80%
7th	10 sections	10 sections	10 sections	8/80%	3/30%	2/20%
8th	10 sections	10 sections	10 sections	0/0%	2/20%	5/50%

Science

	15-16	16-17	17-18	15-16	16-17	17-18
5th	9 sections	10 sections	8 sections	2/22%	3/30%	7/88%
6th	10 sections	9 sections	10 sections	6/60%	3/33%	9/90%
7th	10 sections	10 sections	10 sections	8/80%	5/50%	5/50%
8th	10 sections	10 sections	10 sections	2/20%	2/20%	6/60%

Social Studies

	15-16	16-17	17-18	15-16	16-17	17-18
5th	10 sections	10 sections	8 sections	1/10%	0/0%	4/50%
6th	10 sections	8 sections	10 sections	1/10%	4/50%	3/30%
7th	10 sections	10 sections	10 sections	9/90%	5/50%	2/20%
8th	10 sections	10 sections	10 sections	2/20%	3/30%	8/80%

World Language

	15-16	16-17	17-18	15-16	16-17	17-18
5th	10 sections	10 sections	8 sections	0/10%	0/0%	4/50%
6th	10 sections	8 sections	10 sections	1/10%	2/25%	3/30%
7th	10 sections	10 sections	10 sections	3/30%	2/20%	1/10%
8th	10 sections	10 sections	10 sections	0/0%	1/10%	3/30%

Course	# Sections 15-16	# Sections 16-17	# Sections 17-18	# and % Sections Above Target 15-16	# and % Sections Above Target 16-17	# and % Sections Above Target 17-18
21st Century Skills(7th-8th)	18	30	20	14/77%	15/50%	8/40%
Art	28	38	40	12/43%	24/63%	14/35%
Performing	28	38	40	15/54%	25/65%	10/25%

Art						
Tech Ed	28	38	40	15/54%	35/65%	14/35%
General Music	66	38	40	39/59%	26/68%	13/33%
Chorus	176 students Grades 5-8	136 students Grades 5-8	144 students Grades 5-8			
Band	171 students Grades 5-8	194 students Grades 5-8	160 students Grades 5-8			
P.E. 3 teachers 3 rotations	110	120	120	41/37%	67/56%	47/39%
Health 2 teachers 2 rotations	64	80	80	0	45/56%	30/38%

Huckleberry Hill Elementary School

Grade	# Classes 15-16	# Classes 16-17	# Classes 17-18	# Students 15-16	# Students 16-17	# Students 17-18	% over BOE Target 15-16	% over BOE Target 16-17	% over BOE Target 17-18
2	9	8	9	166	167	173	0	63%	0%
3	9	8	8	187	180	171	67%	100%	37%
4	10	9	9	225	188	179	100%	67%	11%

Center Elementary School

Grade	# Classes 15-16	# Classes 16-17	# Classes 17-18	# Students 15-16	# Students 16-17	# Students 17-18	% over BOE Target 15-16	% over BOE Target 16-17	% over BOE Target 17-18
K	8	9	8	169	162	148	100%	0%	0%
1	8	9	9	160	174	169	100%	33%	0%