

Board of Education Curriculum Committee Meeting

November 14, 2016

New Options for Expanding World Language to
our Elementary School Students

Second Language Acquisition Research

- Benefits of Early Language Learning:
 - Native like pronunciation.
 - Significant gains in standardized testing in language arts and math as well as SAT scores.
 - Greater cognitive development in areas such as creativity, higher order skills etc.
 - Enhances listening and memory skills.
 - Greater sense of cultural pluralism and appreciation of other cultures.
 - Higher level of linguistic proficiency.



WHY?

- To prepare our students to meet the challenges of a changing, global society by providing high quality educational opportunities.
- To ensure that our students acquire a level of proficiency in a world language that enables them to read, write, understand and speak fluently in a target language when they graduate.



World Language Task Force

- In December 2014, the World Language Task Force was formed to study all options and develop a recommendation for the Cheshire Board of Education to consider.



2015 Recommendation

Implement Spanish in the elementary school through a “phase in” approach beginning in kindergarten. The “phase in” method provides time during the previous summer/year to write a Spanish curriculum that closely aligns to the grade level curriculum to provide cross-curricular connections and authentic learning experiences.

- Implement Spanish, beginning in Kindergarten with a FLEX sequential program and in Grades 1-6 with the FLES sequential program.
- Establish a well-articulated sequence of language instruction K-12 taught by teachers certified as FLES educators.
- In addition, this implementation plan provides options for students in sixth grade to explore other languages and, if desired, change or take an additional language in grade seven.

Recommended Plan - Spanish Focus

Beginning in Kindergarten

Grade K	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	COST
FLEX 2x wk 25 min	FLES 2x wk 25 min	FLES 3x wk 25 min	FLES 3x wk 25 min	FLES 3x wk 30 min	FLES 3x wk 30 min	FLES 3x wk 30 min	Spanish Year 2B/C	Spanish Year 2D 3A/B	Staffing 9.0 teachers = \$720,000
Exploration of Spanish	Spanish 1A	Spanish 1A/B	Spanish 1 B/C	Spanish 1C/D	Spanish 2A	Spanish 2A/B	OR Year 1A/B French German Latin Spanish	OR Year 1C/D French German Latin Spanish	Supplies = \$12,000 Texts/ Resources = \$50,000 Equipment = \$28,170 Curriculum Writing = \$28,800 TOTAL = \$838,970
						1x wk 30 min Exploratory French German Latin Consider: Chinese Italian			

Phase In Process- (6 Years)

- Year One Explore in Kindergarten
Study Spanish – Grade 1
- Year Two Study Spanish – Grade 2
- Year Three Study Spanish – Grade 3
- Year Four Study Spanish – Grade 4
- Year Five Study Spanish – Grade 5
- Year Six Study Spanish – Grade 6

Estimated Cost Summary

Implementation of Spanish Beginning in Kindergarten and Grade 1 in Year One

	Year 1 K & 1	Year 2 K-2	Year 3 K-3	Year 4 K-4	Year 5 K-5	Year 6 K-6	TOTAL
Teachers	\$160,000	\$ 80,000	\$ 80,000	\$120,000	\$120,000	\$160,000	\$720,000
Supplies	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 12,000
Texts/ Resources	\$ 0	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 50,000
Equipment	\$ 0	\$ 9,390	\$ 9,390	\$ 9,390	\$ 0	\$ 0	\$ 28,170
Curriculum Writing	\$ 4,800	\$ 4,800	\$ 4,800	\$ 4,800	\$ 4,800	\$ 4,800	\$ 28,800
TOTAL	\$166,800	\$106,190	\$106,190	\$146,190	\$136,800	\$176,800	\$838,970

6 New Options for Consideration

- Review Cost Analysis
- Discuss Pros and Cons of Each Option
- Think/Share/Discuss Impact of Each Option in the First Year and Future Years
- Develop Other Options (if appropriate)
- Finalize a Recommendation for the Cheshire BOE to Consider for the Budget for 17 – 18
- Present Recommendation at the November 14th BOE Curriculum Committee Meeting

Assumptions

- Schedule of 30 Minute Classes

9:00 – 9:30	Class 1
9:45 – 10:15	Class 2
10:30 – 11:00	Class 3
11:15 – 11:45	Class 4
12:00 – 1:00	Lunch/Plan
1:00 – 1:30	Class 5
1:45 – 2:15	Class 6
2:15 – 3:00	Class 7

Assumptions

- Schedule of 30 Minute Classes = 7 classes per day or 35 classes per week
- 16 Classes per grade level
- For grades K – 1:
 - 2 World Language Classes per week =
 $2 \times 16 = 32$ or 1 Teacher
- For grades 2 – 6:
 - 3 World Language Classes per week =
 $3 \times 16 = 48$ Classes or 1.5 Teachers

6 Options for Consideration

- **Plan A** – Backward 6 to K (1 grade at a time)
- **Plan B** – Backward 6 to K (2 or more grades at a time)
- **Plan C** – Beginning in Grade 4 Forward and All K – 3 at once in Year 4
- **Plan D** – Beginning in Grade 4 and Adding One Grade Forward
- **Plan E** – Beginning in Grade 4 and K Forward
- **Plan F** – Beginning in K Forward and Grade 6 Backward

World Language Task Force Recommended Options

- **Plan A** – Backward 6 to K (1 grade at a time)
- **Plan B** – Backward 6 to K (2 or more grades at a time)

PLAN A

**CHESHIRE PUBLIC SCHOOLS WORLD
LANGUAGE PROPOSAL
GRADE 6 - K (BACKWARD ONE GRADE AT A TIME)**

YEAR	GRADE K	GRADE 1	GRADE 2	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8	COST
1	X	X	X	X	X	X	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1.5 Elem Teachers = \$120,000 Total = \$139,400
2	X	X	X	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1.5 Elem Teachers = \$120,000 Total = \$140,600
3	X	X	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1.0 Elem Teachers = \$80,000 Total = \$101,800
4	X	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1.5 Elem Teachers = \$120,000 Total = \$143,000
5	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1.5 Elem Teachers = \$120,000 Total = \$144,200
6	X	Spanish 2x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	1 Teacher = \$80,000 Total = \$95,400

PLAN A

**CHESHIRE PUBLIC SCHOOLS
WORLD LANGUAGE PROPOSAL
GRADE 6 - K (BACKWARD ONE GRADE AT A TIME)**

YEAR	GRADE K	GRADE 1	GRADE 2	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8	COST
7	Exploratory Spanish 2x wk 30 min -----	Spanish 2x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish Year 2A/B ----- Year 1A/B Spanish French German Latin Consider: Chinese Italian	French German Latin Spanish Year 1C/D	1 Teacher = \$80,000 Total = \$96,600

ESTIMATED COST SUMMARY

PLAN A: Grade 6 – K (Backward One Grade at a Time)

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	
	Gr. 6	Gr. 5	Gr. 4	Gr. 3	Gr. 2	Gr. 1	Gr. K	TOTAL
Teachers	\$120,000	\$120,000	\$80,000	\$120,000	\$120,000	\$80,000	\$80,000	\$720,000
Supplies	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$14,000
Texts/Resources	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	n/a	n/a	\$50,000
Equipment	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$35,000
Curriculum Writing	\$2,400	\$3,600	\$4,800	\$6,000	\$7,200	\$8,400	\$9,600	\$42,000
TOTAL	\$139,400	\$140,600	\$101,800	\$143,000	\$144,200	\$95,400	\$96,600	\$861,000

World Language
Revised Options to Extend to the Elementary School Level
November 2016

	Option	Pros	Cons
A	Backward 6 to K (1 grade at a time)	<ul style="list-style-type: none">• All K-5 students presently in school this year will receive World Language in elementary school• Lower cost per year	<ul style="list-style-type: none">• Slow implementation• Curriculum needs to change every year
B	Backward 6 to K (2 or more grades at a time)		

**CHESHIRE PUBLIC SCHOOLS
WORLD LANGUAGE PROPOSAL
GRADE 6 - K (2 OR MORE GRADES AT A TIME)**

YEAR	GRADE K	GRADE 1	GRADE 2	GRADE 3	GRADE 4	GRADE 5	GRADE 6	GRADE 7	GRADE 8	COST
1	X	X	X	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	3 Elem Teachers = \$240,000 Total = 278,800
2	X	X	X	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	3 Elem Teachers = \$240,000 Total = \$281,200
3	Exploratory Spanish 2x wk 30 min	Exploratory Spanish 2x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	Spanish 3x wk 30 min	French German Latin Spanish Year 1A/B	French German Latin Spanish Year 1C/D	3 Elem Teachers = \$240,000 Total = \$280,600

ESTIMATED COST SUMMARY

PLAN B: Grade 6 – K (Backward 2 or More Grades at a Time) 6 & 5, 4 & 3, K-2

	Year 1	Year 2	Year 3	
	6 & 5	4 & 3	K-2	TOTAL
Teachers	\$240,000	\$240,000	\$240,000	\$720,000
Supplies	\$4,000	\$4,000	\$6,000	\$14,000
Texts/Resources	\$20,000	\$20,000	\$10,000	\$50,000
Equipment	\$10,000	\$10,000	\$15,000	\$35,000
Curriculum Writing	\$4,800	\$7,200	\$9,600	\$21,600
TOTAL	\$278,800	\$281,200	\$280,600	\$840,600

World Language
Revised Options to Extend to the Elementary School Level
November 2016

	Option	Pros	Cons
A	Backward 6 to K (1 grade at a time)	<ul style="list-style-type: none">• All K-5 students presently in school this year will receive World Language in elementary school• Lower cost per year	<ul style="list-style-type: none">• Slow implementation• Curriculum needs to change every year
B	Backward 6 to K (2 or more grades at a time)	<ul style="list-style-type: none">• 3 years to K-6 Implementation	<ul style="list-style-type: none">• Increase cost per year• Curriculum needs to be revised each year

Cost Saving Measures/Instructional Time

- A review of current special subject area times to be consistent in all grades.
- A review of special subject areas and the possible elimination of one in grades 4 – 6 to provide instructional time as well as allow for planning five days per week.
- As we move to a one-to-one learning environment in grades 3 – 6, the need for the computer lab time will not be necessary.
- The addition of World Language would provide for planning on the fifth day for classroom teachers.

TASK Force

Recommendation Summary

OPTION:

- Begin in K and 1
- Begin in Grade 6
- Begin in Grades 5 and 6

Year One Cost

\$166,800

\$139,400*

\$278,800*

*Not including cost savings options



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Thank You Köszönöm

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Спасибо Dank Gracias

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Merci

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Obrigado