

Curriculum and Instructional Improvement



Dr. Kenneth Crow
Assistant Superintendent of Curriculum and Instruction

24 School Road
Weston, CT 06883

Telephone: 203-291-1403
Fax: 203-291-1419

CURRICULUM AND INSTRUCTION

Through continued purposeful innovation, Weston Public Schools is committed to designing educational pathways and environments that cultivate empowered citizens of the global community. This vision drives the continuous improvement of our instructional programs and services. The district has identified five interrelated goals to establish an ambitious instructional agenda. These goals include a transformation of our K-12 writing, mathematics, and STEM programs, which has been the focus of our efforts for several years now, as well as to promote healthy learning environments and enhance pathways to success.

In connection with the writing initiative, we have established a WHS Writing Center staffed throughout the day by a certified English teacher to provide one-on-one conferencing support to students for class assignments, college essays, and creative writing. At the K-8 level, schools have been engaged in professional development with staff from the Teachers College Reading and Writing Project to enhance the teaching of writing using mini-lessons, small groups, and conferencing strategies. With the recently established eighth- and tenth-grade writing portfolios, we have aligned middle and high school expectations for student performance. The proposed budget seeks to build on this foundation with continued professional development support.

It is important to also highlight our commitment to ensuring that all students have appropriate “pathways to success” that best meet a diverse range of individual needs. We are in the process of establishing and expanding learning pathways designed to spark interest in STEM career opportunities beginning at an early age. We provide dynamic learning opportunities in computer coding, robotics, and engineering design at elementary and secondary levels through after-school enrichment classes and course offerings. Several new courses have been identified for implementation at WHS for 2016-17, including AP Psychology, Music Theory, Creative Computer Applications, Statistics, and Environmental Science. In an effort to reorganize our high school science offerings, the high school will run a full-year lab course in environmental science dealing with issues such as clean water and climate change. There has been a concerted effort to establish a science research thread beginning at the intermediate level with the WIS science fair and continuing through the Science Discovery Workshop class at the middle school. We are currently looking at the feasibility of creating a science research course at WHS for students who are passionate about this type of learning. These are just some of the many pathways to success that we have been cultivating.

These priorities have been established in the curriculum and instruction budget to guide the allocation of necessary resources to enhance the educational program. Some of the resources include funding for books, professional development, and instructional coaching. Coaching is provided primarily by a cadre of curriculum instructional leaders (CIL) who are knowledgeable about best practices in their field and trained in working with staff to promoting teacher growth. Other responsibilities of the CIL include facilitating curriculum writing and planning professional development activities. The district’s annual instructional update, published on our website in May, details the many accomplishments of our academic departments working in conjunction with our curriculum instructional leaders and the assistant superintendent of curriculum and instruction.

**CURRICULUM & INSTRUCTIONAL IMPROVEMENT
STAFFING**

<u>2015-2016 Actual</u>		<u>2016-2017 Projected</u>	
<u>Staff</u>	<u>Program</u>	<u>Staff</u>	<u>Change</u>
CERTIFIED STAFF			
Administration			
1.00	Assistant Superintendent of Curriculum & Instruction	1.00	0.00
District Curriculum & Instructional Leaders			
<i>Kindergarten through Grade 5:</i>			
1.00	Language Arts & Social Studies	1.00	0.00
1.00	Math & Science	1.00	0.00
<i>Grades 6 through 12:</i>			
0.50	Language Arts	0.50	0.00
0.50	Social Studies	0.50	0.00
0.50	Math	0.50	0.00
0.50	Science	0.50	0.00
<i>Kindergarten through Grade 12</i>			
0.40	Performing Arts	0.40	0.00
0.20	Visual Arts	0.20	0.00
0.40	World Language	0.40	0.00
0.40	Health & Physical Education	0.40	0.00
<u>5.40</u>	Total District C & I Leaders	<u>5.40</u>	<u>0.00</u>
<u>6.40</u>	TOTAL CERTIFIED STAFF	<u>6.40</u>	<u>0.00</u>
NON-CERTIFIED STAFF			
Clerical			
1.00	Administrative Assistant	1.00	0.00
<u>1.00</u>	TOTAL NON-CERTIFIED STAFF	<u>1.00</u>	<u>0.00</u>
7.40	TOTAL STAFF	7.40	0.00

**CURRICULUM
AND
INSTRUCTIONAL IMPROVEMENT**
Weston Public Schools, Weston, CT

	2013 Expended	2014 Expended	2015 Expended	2016 Budget	2016 Expected	2017 Request	Differ. To Budget	Differ. To Expected	% Increase from Budget	
CURRICULUM & INSTRUCTION - EXISTING										
OBJECT BUDGET SUMMARY										
I. Salaries										
Administrator*	\$ 174,000	\$ 177,480	\$ 181,473	\$ 181,473	\$ 185,556	\$ 185,556	\$ 4,083	\$ -	2.2%	
Curriculum and Instruction Leaders	\$ 489,255	\$ 444,804	\$ 486,034	\$ 545,786	\$ 531,258	\$ 556,697	\$ 10,911	\$ 25,439	2.0%	
Substitute Teachers	\$ 32,697	\$ 29,654	\$ 45,693	\$ 23,000	\$ 23,000	\$ 23,000	\$ -	\$ -	0.0%	
Stipends/Curriculum Work	\$ 164,182	\$ 115,786	\$ 135,167	\$ 145,460	\$ 147,196	\$ 128,980	\$ (16,480)	\$ (18,216)	-11.3%	
TOTAL CERTIFIED	\$ 860,134	\$ 767,724	\$ 848,367	\$ 895,719	\$ 887,010	\$ 894,233	\$ (1,486)	\$ 7,223	-0.2%	
Clerical*	\$ 64,302	\$ 58,282	\$ 59,722	\$ 59,594	\$ 60,488	\$ 60,488	\$ 894	\$ -	1.5%	
TOTAL NON-CERTIFIED	\$ 64,302	\$ 58,282	\$ 59,722	\$ 59,594	\$ 60,488	\$ 60,488	\$ 894	\$ -	1.5%	
TOTAL SALARIES	\$ 924,436	\$ 826,006	\$ 908,090	\$ 955,313	\$ 947,498	\$ 954,721	\$ (592)	\$ 7,223	-0.1%	
II. Non-Salary Objects										
Consulting Services	\$ 213,272	\$ 155,567	\$ 102,330	\$ 68,315	\$ 68,315	\$ 63,500	\$ (4,815)	\$ (4,815)	-7.0%	
Testing & Evaluation	\$ 30,258	\$ 32,152	\$ 23,024	\$ 37,000	\$ 29,933	\$ 36,600	\$ (400)	\$ 6,667	-1.1%	
Travel & Conferences	\$ 42,379	\$ 30,659	\$ 47,837	\$ 49,630	\$ 54,765	\$ 51,408	\$ 1,778	\$ (3,357)	3.6%	
Mileage Reimbursement	\$ 5,373	\$ 5,924	\$ 6,000	\$ 6,000	\$ 6,000	\$ 6,000	\$ -	\$ -	0.0%	
Other Purchased Services	\$ 12,106	\$ 7,159	\$ 10,515	\$ 8,450	\$ 8,450	\$ 7,800	\$ (650)	\$ (650)	-7.7%	
Materials	\$ 5,110	\$ 18,649	\$ 4,416	\$ 7,275	\$ 7,275	\$ 7,625	\$ 350	\$ 350	4.8%	
Books/Curriculum/Instruction	\$ 18,709	\$ 82,683	\$ 98,661	\$ 58,665	\$ 38,757	\$ 44,690	\$ (13,975)	\$ 5,933	-23.8%	
Software	\$ -	\$ 15,725	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	
Equipment	\$ 1,442	\$ 2,386	\$ 48,062	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%	
Dues and Fees	\$ 18,165	\$ 18,758	\$ 27,408	\$ 21,655	\$ 21,655	\$ 22,810	\$ 1,155	\$ 1,155	5.3%	
TOTAL NON-SALARY	\$ 346,814	\$ 369,662	\$ 368,253	\$ 256,990	\$ 235,150	\$ 240,433	\$ (16,557)	\$ 5,283	-6.4%	
TOTAL BUDGET	\$ 1,271,249	\$ 1,195,668	\$ 1,276,342	\$ 1,212,303	\$ 1,182,648	\$ 1,195,154	\$ (17,149)	\$ 12,506	-1.4%	
% Over FY 2016 Budget						-1.41%		% Over FY 2016 Expected		1.06%

*Note: Assistant Superintendent for Curriculum and Instruction and the Administrative Assistant to the Assistant Superintendent for Curriculum and Instruction are both unaffiliated employees. Their salary increases are voted on by the BOE in June. Therefore, the salary increases these employees may receive is shown in the District Wide budget under non-represented allocation.



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Comparison of FY 2016 Expected to Budget & Comparison of FY 2017 Request to FY 2016 Budget

	FY 2016		2016 Budget	2017 Request	Differ. to Budget
	Expected	Differ. to Budget			
<i>CURRICULUM & INSTRUCTION - EXISTING</i>					
Non-Salary Objects					
Consulting Services	68,315	0	68,315	63,500	-4,815
Testing & Evaluation	29,933	-7,067	37,000	36,600	-400
Travel & Conferences	54,765	5,135	49,630	51,408	1,778
Mileage Reimbursement	6,000	0	6,000	6,000	0
Other Purchased Services	8,450	0	8,450	7,800	-650
Materials	7,275	0	7,275	7,625	350
Books/Curriculum/Instruction	38,757	-19,908	58,665	44,690	-13,975
Software	0	0	0	0	0
Equipment	0	0	0	0	0
Dues and Fees	21,655	0	21,655	22,810	1,155
TOTAL NON-SALARY	235,150	-21,840	256,990	240,433	-16,557
Percent Change	-8.50%		-6.44%		



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Key Budget Facts

Enrollment	
Projected 2016-17	2,374
Change - 10/1/15	(52)

SAT Mean Scores	
Reading	589
Math	604
Writing	592

Staffing	
Certified F.T.E.	6.40
Non-Certified F.T.E.	1.00
Total	7.40

Why Did the Budget Change?

CURRICULUM & INSTRUCTIONAL IMPROVEMENT

<u>Object Description</u>	<u>Reasons For Budget Changes</u>	<u>Differ. to Budget</u>
	FY 2016 Contractual Salary Increase. These funds were set aside in the district wide budget at the start of the fiscal year and transferred to the individual salary account once contractual increases were voted on by the BOE.	\$ 4,083
Administrator		\$ 10,911
Teacher Leaders	Contractual wage increase	\$ -
Substitute Teachers	No Change	\$ 781
Stipends/Summer	Contractual general wage increase Reclassification of Robotics Program Expenses to WMS	\$ (17,261) \$ (16,480)
Clerical	Contractual wage increase	\$ 894
Consulting Services	Reduction in consulting services	\$ (4,815)
Testing & Evaluation	Reduction of Common Core Diagnostic Assessment for Math	\$ (400)
Travel & Conferences		
	Increase for WMS and WHS Training	\$ 2,300
	Decrease in District Administration Training	\$ (500)
	Decrease in Facilities Training	\$ (500)
	Increase in System Wide Travel	\$ 478
		\$ 1,778
Other Purchased Services	Reduction in Professional Resources for Curriculum & Instruction	\$ (650)
Materials	Increase for Professional Development Materials	\$ 350
Books		
	Increase in Grade 7 Social Studies Books	\$ 2,438
	Reduction of Grade 6 Pre Algebra Books, AP Latin, Coding, ELA AP Psychology	\$ (37,103) \$ 2,500
	Environmental Science	\$ 3,000
	World Languages for French for Grades 9, 10 and 11	\$ 15,190
		\$ (13,975)
Dues & Fees		
	Increase in Tri-State PADI membership & services	\$ 700
	Increase in Tri-State Consortium Membership & Services	\$ 260
	Increase in ASCD	\$ 115
	Increase in Phi Delta Kappa membership & services	\$ 15
	Increase in Education Week	\$ 15
	Increase in the Marshall Memo	\$ 50
		\$ 1,155



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SELECT ACCOUNT DETAILS

Teacher Leaders, Stipends & Curriculum Work:

Curriculum & Instruction Leaders:	
Salaries	556,697
Stipends	79,145
Curriculum Development Priority Areas:	
AP Computer Science	49,835
AP Psychology	
Creative Computer Applications	
Environmental Science	
Music Theory	
Statistics	
6-12 Science	
K-5 Social Studies	
K-12 World Languages	
 Substitute Teachers	 23,000

Total Teacher Leaders & Curriculum Development 708,677

Professional Technical Services:

In-Service Days

Math Training	15,500
Literacy Training	10,000
Physical Education	1,000
World Languages	3,000

Total In-Service Consulting 29,500

Consulting Services

Readers/Writers Workshop	22,500
Science & Social Studies Training	8,000
Performance Assessment	3,500

Total Consulting Services 34,000

Total Consulting Services 63,500

Testing & Evaluation

NWEA Map Testing	20,000
NWEA Dashboard	5,000
OLSAT & Naglieri Grades 2 - 5	7,100
Writing Portfolio Scoring	4,500

Total Testing & Evaluation 36,600

Books:

Social Studies Textbooks (Grade 7)	24,000
World Languages (Grades 9, 10, 11)	15,190
AP Psychology	2,500
Environmental Science	3,000

Total Books 44,690

Travel and Conferences

Hurlbutt Elementary School	500
Weston Intermediate School	500
Weston Middle School	5,150
Weston High School	7,380
Special Education	8,000
Pupil Personnel Services	2,500
Nurses	900
Technology	5,500
District Wide Initiatives	16,978
District Administration	2,000
Facilities (includes Energy Ed.)	2,000

Total Travel and Conferences 51,408

Dues & Fees:

Tri-State Consortium	7,500
Tri-State PADI	7,500
CES - Leadership Program	2,550
Educational Leader 21	3,000
ASCD	1,500
Marshall Memo	450
Harvard Business Review	100
Phi Delta Kappa	110
Education Week	100

Total Dues & Fees 22,810



WESTON PUBLIC SCHOOLS
Curriculum Renewal Cycle

Year 1 and 2
Research and Development

- *Align curriculum with frameworks and standards*
- *Review literature, research, best practices*
- *Develop units*
- *Identify materials and resources*
- *Determine PD needs*
- *Year 2 PD preparation*
 - *Data driven*
 - *Research proven practices*
 - *New technology*
 - *Student needs*

Year 3
Implementation

Put curriculum into practice

Ongoing Professional Development

Year 4
Monitoring

How are we doing?

Is it in place?

Year 5
Evaluation

Assess success +/-

WESTON PUBLIC SCHOOLS Curriculum Revision Plan

Revision Year 2013	Revision Year 2014	Revision Year 2015	Revision Year 2016
K-12 Math & Business			●
			K-5 Social Studies ●
6-12 Social Studies			●
	K-12 Visual Arts/Music		●
6-12 English			●
K-5 ELA - Writing			●
	K-12 Health/PE		●
			K-12 Guidance ●
			K-12 World Language ●
			K-12 Science & PLTW ●

Revision Year 2017	Revision Year 2018	Revision Year 2019	Revision Year 2020
K-5 Social Studies			●
6-12 Social Studies			●
K-12 Visual Arts/Music			●
6-12 English		●	
K-5 ELA - Writing	K-5 ELA - Reading		●
6-12 Health/PE		●	
K-12 Guidance			●
K-12 World Language			●
K-12 Science & PLTW			●

Each curriculum area has a two-year timeframe for revision. Implementation may vary, according to needs, schedule, and budget. In the case of an extensive K-12 revision, an area may require more than a two year sequence.

WESTON PUBLIC SCHOOL
Curriculum Renewal Resource Requirement Schedule

2014-2015	2015-2016	2016-2017	2017-18
		Science (K-12) Phase One	Science (K-12) Phase Two
Mathematics (K-12) Phase Two	Mathematics (K-12) Phase Three		
Social Studies (K-12) Phase One	Social Studies (K-12) Phase Two	Social Studies (K-12) Phase Three	Social Studies (K-5) Phase One
Language Arts (6-12) Phase One	Language Arts (6-12) Phase Two		Language Arts (6-12) Phase Three
	World Language (K-12) Phase One	World Language (K-12) Phase Two	World Language (K-12) Phase Three