

Curriculum and Instructional Improvement



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HES



WIS



WMS



WHS

'The real process of education should be the process of learning to think through the application of real problems.' John Dewey

The emergence of very sophisticated and revolutionary information and communication technologies (ICTs) has forever changed the way we work, play and communicate. The seismic waves of the “information age” can be felt each time we turn on the news, “log on”, “tweet”, or “text”. Even for the nostalgic among us, memories are now archived on “YouTube”, “Flickr”, and devices no larger than a thimble. The world has become as small as the speed of information traveling through fiber optic cables, or even, in a “cloud”, halfway across the planet. Unprecedented access to information is no more challenging than simply finding a place to “log on”. As a result, countless new players freely enter a fiercely competitive marketplace motivated by new opportunities and an environment that rewards creativity, innovation, and critical thinkers.

What types of skills will children need to succeed in today’s world? Which skills are most important? Driven by a compelling purpose to deliver the highest quality of instruction through an unwavering commitment to continuous improvement, while being responsible stewards of resources, the Weston Public Schools are prepared to answer these questions, and poised to graduate students each year with the skills necessary to compete in a diverse, globalized, complex world. Our work is research-based and results driven. Priorities have been established in this budget to guide the allocation of the necessary time, training and materials to continuously improve the educational program.

During the 2011-2012 school year, revised curriculum in the area of K-12 Science will be developed. The instructional improvement budget includes resources to support this work. In addition, the second phase of the newly adopted Physical Education curriculum (Project Adventure), and the third phase of the Weston High School technology program, Project Lead the Way, are supported in this fiscal plan. Modest enhancements to the middle school technology program are also initiated through support in this budget. Finally, this budget funds the third and final phase of a three year purchase plan for resources for the K-12 World Language curriculum revisions.

Sustained professional development initiatives continue to drive the work of the district, narrowly focused on improvements in the quality of instruction and the development of rigorous assessments. This budget includes funding to build on prior assessment work by fostering a powerful partnership with Teachers College, Columbia with the goal of developing an internal assessment system that designs and implements grade level tests driven by international benchmarks and standards. In addition, these efforts continue the next level of training in instructional best practices in Language Arts and technology integration. Training for the Responsive Classroom model, an approach to teaching that emphasizes social, emotional, and academic growth in a safe school community in order

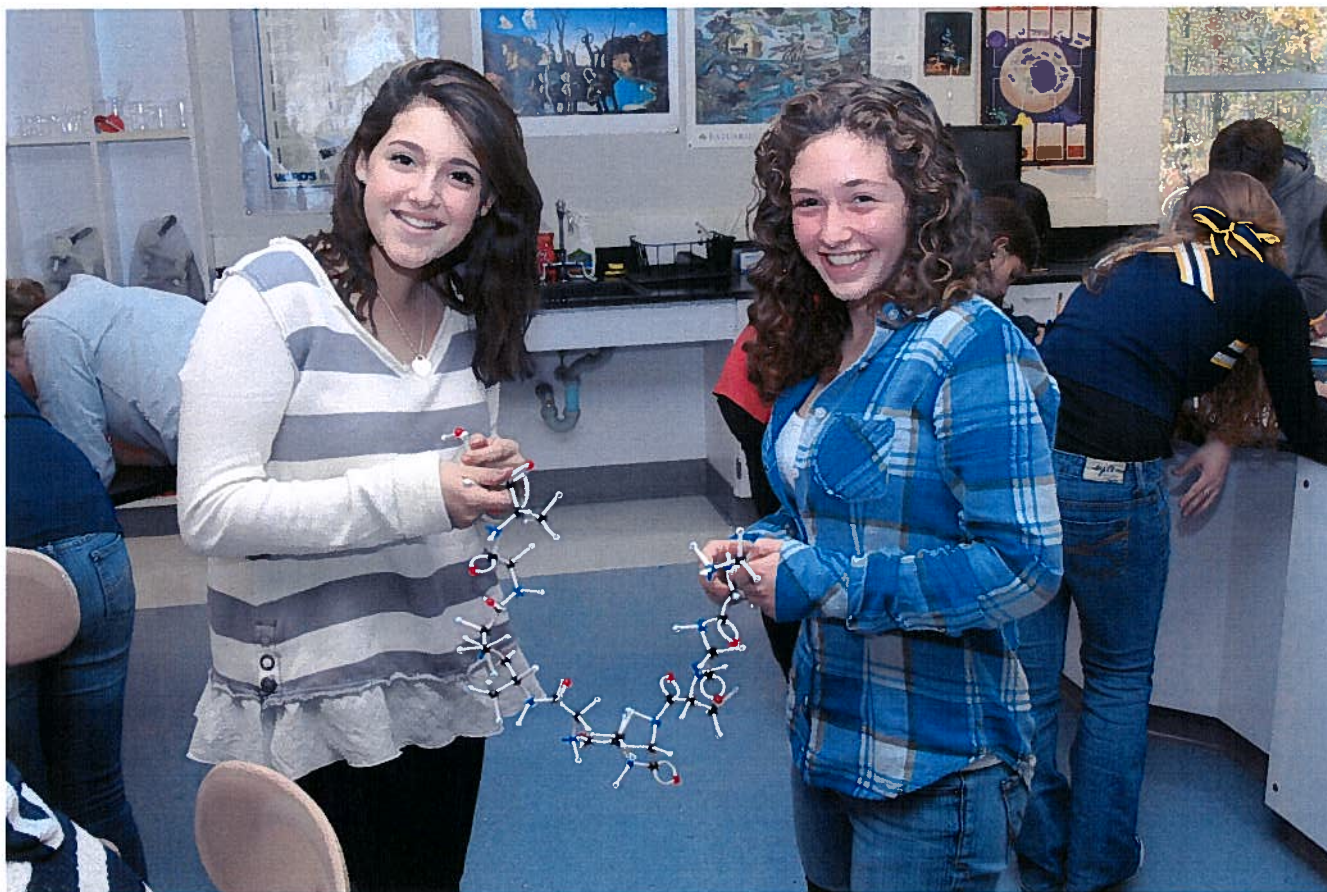
to enable optimal student learning, is funded in this plan. Changes in compliance laws regarding identification of students in need of intervention drive the need for additional training for staff in reading intervention. Finally, this budget section funds four full days of professional development, which are provided to all certified staff.

The priorities for curriculum development in 2011-2012 include:

- K-12 Science
- K-12 21st Century Assessment Project – Partnership with Columbia University

The priorities for professional development in 2011-2012 include:

- Implementation of 21st Century Assessments
- Literacy and writing instruction
- Differentiated instruction
- Reading Intervention
- Technology integration
- Responsive Classroom training



**CURRICULUM & INSTRUCTION
&
PROGRAM IMPROVEMENT**
Weston Public Schools, Weston CT



	2008	2009	2010	2011	2011	2012	Differ. to
	Expended	Expended	Expended	Budget	Expended	Requested	Expected

CURRICULUM & INSTRUCTION - EXISTING

<i>OBJECT BUDGET SUMMARY</i>							
I. Salaries							
Administrators	139,385	154,000	154,000	154,000	168,667	168,667	0
Teacher Leaders	444,420	509,200	435,361	448,851	448,636	466,824	18,188
Substitute Teachers	15,642	38,695	40,132	28,000	28,000	28,000	0
Stipends/Curriculum Work	115,060	129,663	115,378	114,556	106,413	107,266	853
TOTAL CERTIFIED	714,507	831,558	744,871	745,407	751,716	770,757	19,041
Clerical	50,385	53,462	55,574	55,574	56,824	57,961	1,137
TOTAL NON-CERTIFIED	50,385	53,462	55,574	55,574	56,824	57,961	1,137
TOTAL SALARIES	764,892	885,020	800,445	800,981	808,540	828,718	20,178
II. Non-Salary Objects							
Professional Ed. Services	31,068	32,143	30,455	34,425	29,901	30,500	599
Professional Tech. Services	54,343	110,051	80,903	68,015	81,935	92,035	10,100
Training	57,074	57,024	57,464	66,355	54,655	57,155	2,500
Reimbursable Expenses	5,583	5,500	5,000	5,500	5,500	5,500	0
Materials	3,866	3,773	735	3,250	3,250	3,250	0
Dues & Fees	7,964	6,264	6,769	7,466	7,466	7,466	0
TOTAL NON-SALARY	159,898	214,755	181,326	185,011	182,707	195,906	13,199
TOTAL BUDGET	924,790	1,099,775	981,771	985,992	991,247	1,024,624	33,377

PROGRAM IMPROVEMENT - NEW

<i>OBJECT BUDGET SUMMARY</i>							
Non-Salary Objects							
Professional Tech. Services	0	0	0	0	0	50,000	50,000
Materials	29,502	7,011	168	30,226	32,612	0	-32,612
Books	56,957	142,317	109,617	74,250	67,943	23,900	-44,043
Equipment	0	0	15,802	44,500	44,500	40,900	-3,600
TOTAL NON-SALARY	86,459	149,328	125,587	148,976	145,055	114,800	-30,255
TOTAL BUDGET	1,011,249	1,249,103	1,107,358	1,134,968	1,136,302	1,139,424	3,122
% Over FY 2011 Budget		0.39%		% Over FY 2011 Expected		0.27%	

**CURRICULUM & INSTRUCTION
&
PROGRAM IMPROVEMENT**



Key Budget Facts

Enrollment	
Projected 2011-12	2,511
Change - 10/1/10	(38)

% CAPT Scores At Goal	
Reading	88.0
Writing	95.1
Math	85.2
Science	89.0

Staffing	
Certified F.T.E.	6.00
Non-Certified F.T.E.	1.00
Total	7.00

WHY DID THE BUDGET CHANGE?

CURRICULUM & INSTRUCTIONAL IMPROVEMENT - EXISTING

<u>Object Description</u>	<u>Reasons For Budget Changes</u>	<u>Differ. to Expected</u>	<u>Percent Change</u>
Administrator	See Districtwide Cost Center on pages 130-131 - Unaffiliated Staff Allowance for Assistant Superintendent of Schools		
Teacher Leaders	Contractual general wage increase Contractual step increase	12,337 5,851 18,188	4.05%
Substitute Teachers	No change	0	
Stipends/Summer	Contractual general wage increase Reduction in allocation for summer curriculum projects	1,923 <u>-1,070</u> 853	0.80%
Clerical	Contractual general wage increase	1,137	2.00%
Prof. Ed. Services	Estimated 2% increase in cost for adult education services	599	2.00%
Prof. Tech. Services	See details below - Offset by decrease in curriculum renewal	10,100	12.33%
Training	Allocation for WHS increased for NEASC related training	2,500	4.57%
Reimbursable Exp.	No change	0	0.00%
Materials	No change	0	0.00%
Dues & Fees	No change	0	0.00%

Did You Know?

That the Weston Public Schools scored at or near of the top of the entire state of Connecticut on nearly all standardized tests?

That evidence shows that well-designed professional development produces increased learning outcomes for students?

**CURRICULUM & INSTRUCTION
&
PROGRAM IMPROVEMENT**

SELECT ACCOUNT DETAILS

Teacher Leaders, Stipends & Curriculum Work:

Curriculum & Instruction Leaders:	
Salaries	466,824
Stipends	66,836
Curriculum Work	
Responsive Classroom	12,350
K-5 Social Studies Assessment Development	5,880
K-12 Science Curriculum Development	12,600
WMS Technology Program Development	1,050
Project Lead the Way Program Development	2,250
21st Century Assessment Development	6,300
 Substitute Teachers	 28,000
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Total Teacher Leaders & Curriculum Develop.	602,090
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Training

Hurlbutt Elementary School	1,025
Weston Intermediate School	2,400
Weston Middle School	8,800
Weston High School	11,730
Special Education	8,000
Pupil Personnel Services	2,500
Nurses	900
Technology	5,500
District Wide Initiatives	6,000
District Administration	3,800
Business Office	2,500
Facilities (includes Energy Ed.)	4,000
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Total Training	57,155
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Professional Technical Services:

In-Service

21st Century Instructional Evaluation	24,400
Reading Intervention - SRBI Compliance	24,000
Grade 6-8 Language Arts	13,200
In-service Days	6,100
21st Century Learning Outcomes Curr. Alignment	5,400
Health Education Assessment Project	1,300
Home/School Partnership	750

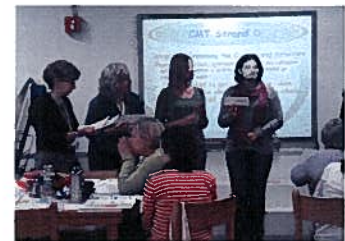
Testing & Evaluation

Grades 2, 5, 8 OLSAT, DRP, DRA	16,885
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Total Professional Technical Services	92,035
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Dues & Fees:

Tri-State Consortium	6,500
AASA	413
ASCD	219
National Staff Development	199
Phi Delta Kappa	85
Marshall Memo	50
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Total Dues & Fees	7,466
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New Initiatives

Professional Technical Services:

21st Century Assessment Project - Columbia	50,000
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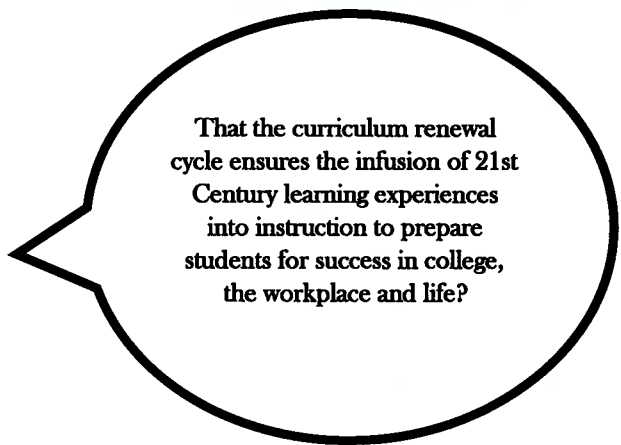
Books:

Spanish 4, 4H, 5	23,000
AP French	900
	23,900

Equipment:

Project Adventure	33,800
Project Lead the Way	7,100
	40,900

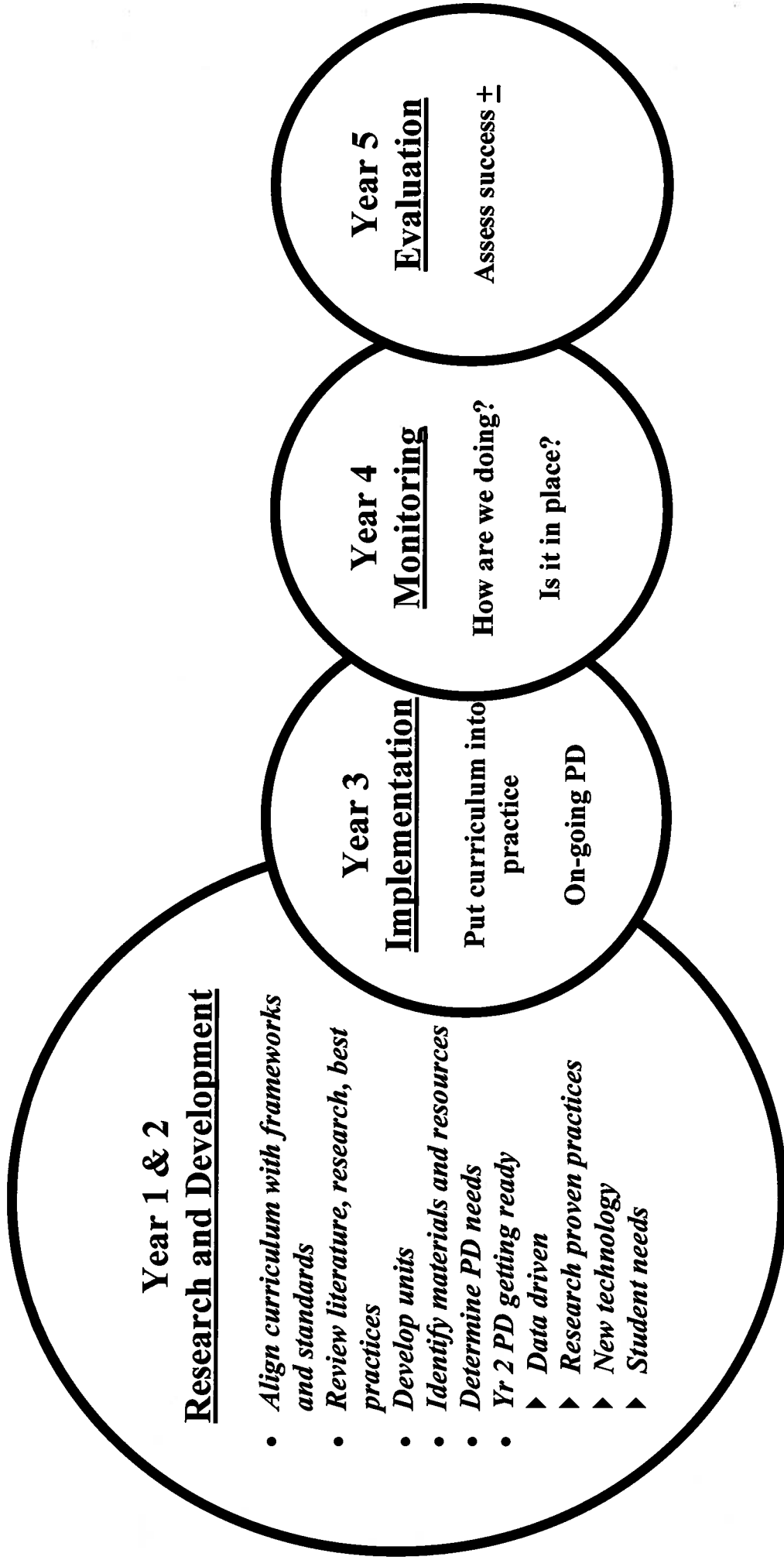
Total New Initiatives	114,800
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**CURRICULUM & INSTRUCTIONAL IMPROVEMENT
STAFFING**

<u>2010-2011 Actual</u>		<u>2011-2012 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	Art & Music	0.40	0.00
0.40	World Language	0.40	0.00
0.20	Health & Physical Education	0.20	0.00
5.00	Total District C & I Leaders	5.00	0.00
<u>6.00</u>	TOTAL CERTIFIED STAFF	<u>6.00</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>
7.00	TOTAL STAFF	7.00	0.00

Curriculum Renewal Cycle



WESTON PUBLIC SCHOOLS
Curriculum Revision Plan

Revision Year 2006	Revision Year 2007	Revision Year 2008	Revision Year 2009
Social Studies K-12 English/Language Arts 6-12	<ul style="list-style-type: none"> ● World Languages K-12 Visual Arts and Music K-12 	<ul style="list-style-type: none"> Language Arts K-5 Physical Education/Health K-12 ● ● TAG 	<ul style="list-style-type: none"> ● ● ●

Revision Year 2010	Revision Year 2011	Revision Year 2012	Revision Year 2013
Science K-12	Math K-12 ●	<ul style="list-style-type: none"> ● Social Studies K-12 English/Language Arts 6-12 	<ul style="list-style-type: none"> ● ●

Each curriculum area has a two year time frame 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 SCHOOLS
Instructional Resource Needs
Curriculum Renewal Resource Requirement Schedule

2011-2012	2012-2013	2013-2014	2014-2015
Physical Education/Health Phase Two			
Language Arts (K-5) Phase Two			
	Science (K-12) Phase One	Science (K-12) Phase Two	
		Mathematics (K-12) Phase One	Mathematics (K-12) Phase Two
TAG Resources			Social Studies (K-12) Phase I
			Language Arts (6-12) Phase I