

Arlington Public Schools
Financial Projection Tool
FY17 Budget Proposal Assuming No Additional Students After FY16

	FY16 as of 11.10.15	Growth Factors FY17 and beyond	FY17	Growth Factors FY17 and beyond	FY18	Growth Factors FY17 and beyond	FY19	Growth Factors FY17 and beyond	FY20	Growth Factors FY17 and beyond	FY21
Revenue											
Town Appropriation	34,572,590	3.25%	36,243,495	3.00%	37,613,828	3.00%	34,227,265	3.00%	35,254,083	3.00%	36,311,706
Special Education	17,501,455	7.00%	18,726,557	7.00%	20,037,416	7.00%	21,440,035	7.00%	22,940,837	7.00%	24,546,696
Kindergarten Tuition Offset	970,000		970,000		970,000		970,000		970,000		970,000
enrollment growth factor	530,069		274,785		-		-		-		-
Grants*	2,452,532	-1.00%	2,130,379	-1.00%	2,109,075	-1.00%	2,087,984	-1.00%	2,067,105	-1.00%	2,046,434
Fees and Other Revolving*	3,390,117	0.00%	3,253,086	0.00%	3,253,086	0.00%	3,253,086	0.00%	3,253,086	0.00%	3,253,086
<i>Estimated Revenue adj. Maintenance</i>	-		-	0.00%	(4,383,474)	0.00%	-	0.00%	-	0.00%	-
Total Revenue	59,416,763		61,598,302		59,599,932		61,978,371		64,485,111		67,127,921
Overage/(Underage)	(0)		492,781		738,777		942,600		1,211,473		1,547,625
Expense											
AEA COLA	31,863,935	2.00%	33,315,807	2.00%	34,823,623	2.00%	36,361,596	2.00%	37,930,328	2.00%	39,530,434
Step and Lane Increases	-	825,000	-	825,000	-	825,000	-	825,000	-	825,000	-
**Teacher Student Ratio Projection			-		-		-		-		-
Teacher Longevity	214,294	214,294	214,294	214,294	214,294	214,294	214,294	214,294	214,294	214,294	214,294
AAA	2,032,222	2.00%	2,072,866	2.00%	2,114,324	2.00%	2,156,610	2.00%	2,199,742	2.00%	2,243,737
Clerical	1,383,620	2.00%	1,411,292	2.00%	1,439,518	2.00%	1,468,309	2.00%	1,497,675	2.00%	1,527,628
Facilities/Custodial	1,981,667	2.00%	2,021,300	2.00%	2,061,726	2.00%	-	2.00%	-	2.00%	-
Bus Drivers	429,643	2.00%	438,236	2.00%	447,001	2.00%	455,941	2.00%	465,059	2.00%	474,361
Traffic	124,593	2.00%	127,085	2.00%	129,627	2.00%	132,219	2.00%	134,863	2.00%	137,561
Other Longevity	56,434	56,434	56,434	56,434	56,434	56,434	56,434	56,434	56,434	56,434	56,434
Paraprofessionals	2,447,892	2.00%	2,496,850	2.00%	2,546,787	2.00%	2,597,723	2.00%	2,649,677	2.00%	2,702,671
Administration	1,966,017	2.00%	2,005,337	2.00%	2,045,444	2.00%	2,086,353	2.00%	2,128,080	2.00%	2,170,642
Non Union Clerical	261,189	2.00%	266,413	2.00%	271,741	2.00%	277,176	2.00%	282,719	2.00%	288,374
Other Non Union Staffing	1,217,419	2.00%	1,241,767	2.00%	1,266,603	2.00%	1,291,935	2.00%	1,317,773	2.00%	1,344,129
Facilities Transfer Offset					(4,383,474)						
Out of District Tuition	7,006,908	0.00%	7,006,908	3.00%	7,217,115	3.00%	7,433,629	3.00%	7,656,638	3.00%	7,886,337
Transportation	1,084,350	0.00%	1,084,350	3.00%	1,116,881	4.00%	1,161,556	4.00%	1,208,018	4.00%	1,256,339
Energy	1,273,545	0.00%	1,273,545	2.00%	1,299,016	0.00%	-	0.00%	-	0.00%	-
Maintenance Costs	1,002,678	0.00%	1,002,678	2.00%	1,022,732	0.00%	-	0.00%	-	0.00%	-
Technology Maintenance	284,735	0.00%	284,735	2.00%	290,430	25.00%	363,037	25.00%	453,796	25.00%	567,246
Instructional Materials/ Textbooks	812,527	0.00%	812,527	2.00%	828,778	2.00%	845,353	2.00%	862,260	2.00%	879,505
Professional Development	280,845	0.00%	280,845	2.00%	286,462	2.00%	292,191	2.00%	298,035	2.00%	303,996
Educational Staffing Expansion Expense	-	0.00%	-		-		-		-		-
Other Expense	3,692,250	0.00%	3,692,250	2.00%	3,766,095	2.00%	3,841,417	2.00%	3,918,245	2.00%	3,996,610
Total Expense	59,416,763		61,105,520		58,861,155		61,035,771		63,273,638		65,580,296

*Reflects Approved Budget numbers from Town Meeting, plus additional Circuit Breaker and Grants as currently known. FY17 shows loss of Kindergarten grant and roll back of Title 1 to FY15 levels.

****Reflects Enrollment Growth calculated for all years**

This scenario assumes transfer of Maintenance budget to its own Town department in FY18.

Growth Factors in green are factors subject to negotiation (new contract cycle)

Arlington Public Schools
Fiscal Impact of Enrollment Driven AEA Staffing Increases

				Average cost per new teacher	15,000	1,000	500		
	Teacher Total		FTE change	Teacher					
	Salary	Teacher FTE	from Prior	Average	Cost Salary	Curriculum		Professional	
			Year	Salary	Additional FTE's	Supplies	Computers	Development *	Total
FY13	24,802,525	398.15		62,294					
FY14	26,409,157	413.00	14.85	63,945	949,579	222,750	14,850	7,425	1,194,604
FY15	29,039,428	440.24	27.24	65,963	1,796,825	408,600	27,240	13,620	2,246,285
FY16	31,121,426	453.90	13.66	68,564	936,591	204,900	13,660	6,830	1,161,981
			55.75		3,682,994	836,250	55,750	27,875	4,602,869

	Total Increase		
	cost of Direct	Total	
	Educational	Enrollment	
	Staffing (AEA)	Growth Factor	Differential
FY14	1,194,604		
FY15	2,246,285	885,150	1,361,135
FY16	1,161,981	530,069	631,912
Total	4,602,869	1,415,219	3,187,650

* Professional Development includes training in APS curriculum, systems and processes, for examples Tools of the Mind and Lucy Calkins.

Original Ask List
FY17 Budget

Special Education Increases for FY17

Area of Service	Location	Position Description	FTE	Salary/ Unit Cost	Total Cost
Teachers	Early Childhood	Classroom Expansion	0.5	68,600	34,300
Teaching Assistants	Early Childhood	Classroom Expansion	2	17,340	34,680
Teachers	Elementary	Learning Specialists	4	68,600	274,400
Teaching Assistants	Elementary	Support for increased Learning Specialists	4	17,340	69,360
Related Services	Elementary	Social Worker SLC C program	0.5	75,000	37,500
Related Services	Elementary	Occupational Therapist	0.5	75,000	37,500
Teachers	Ottoson	Expansion of SLC B program	1	68,600	68,600
Teaching Assistants	Ottoson	Expansion of SLC B program	2	25,340	50,680
Teaching Assistants	Ottoson	TA's converted to BSP	7	7,928	55,496
Related Services	High School	Speech Language	0.5	75,000	37,500
Teachers	High School	High Needs Math	0.2	68,600	13,720
Teachers	High School	High Needs Science	0.2	68,600	13,720
Teachers	High School	High Needs English	0.2	68,600	13,720
Teaching Assistants	High School	BSP	1	25,340	25,340
Teaching Assistants	District Wide	SLC TA's converted to BSP	17	7,928	134,776
Increases for Special Education			16.6		901,292

901,292

Elementary Increases for FY17

Area of Service	Location	Position Description	FTE	Salary/ Unit Cost	Total Cost
Teachers	Thompson	Enrollment growth	2	68,600	137,200
Teachers	Stratton	English Language Learners (ELL)	0.2	68,600	13,720
Teachers	Hardy	English Language Learners (ELL)	0.7	68,600	48,020
Teachers	Bishop	Reading Specialist	0.4	68,600	27,440
Teaching Assistants	District Wide	Increase Kindergarten TA's to full time	11.5	17,340	199,410
Curriculum Materials	District Wide	FOSS Science expansion completion K-3		88,000	88,000
Curriculum Materials	District Wide	Science materials for ELL students		2,000	2,000
Curriculum Materials	District Wide	Math Curriculum update grades K-2		55,000	55,000
Curriculum Materials	District Wide	Math intervention products grades 3-5		15,000	15,000
Curriculum Materials	District Wide	Math manipulatives supporting curriculum		10,000	10,000
Curriculum Materials	District Wide	English Language Learners (ELL) materials		10,000	10,000
Curriculum Materials	Bishop	LLI Books Set for Reading intervention		7,400	7,400
Curriculum Materials	Brackett	LLI Books Set for Reading intervention		7,400	7,400
Curriculum Materials	Dallin	LLI Books Set for Reading intervention		7,400	7,400

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Curriculum Materials	Stratton	LLI Books Set for Reading intervention		7,400	7,400
Curriculum Materials	District Wide	Non-fiction reading materials grades 3-5		7,500	7,500
Curriculum Materials	District Wide	Complete non-fiction reading purchases K-2		15,000	15,000
Curriculum Materials	District Wide	Lucy Calkins classroom kits / new classrooms	7	2,000	14,000
Professional Development	District Wide	Wellness training replacing Success Grant		8,800	8,800
Curriculum Materials	District Wide	Health curriculum supplies		2,000	2,000
Increases for Elementary			14.8	-	682,690

682,690

Middle School Increases for FY17

Area of Service	Location	Position Description	FTE	Salary/ Unit Cost	Total Cost
Teachers	Ottoson	Cluster Expansion Math	0.5	68,600	34,300
Teachers	Ottoson	Cluster Expansion Social Studies	0.5	68,600	34,300
Teachers	Ottoson	Cluster Expansion English	0.5	68,600	34,300
Teachers	Ottoson	Cluster Expansion Science	0.5	68,600	34,300
Teachers	Ottoson	Physical Education	0.6	68,600	41,160
Teachers	Ottoson	Family and Consumer Science	0.2	68,600	13,720
Teachers	Ottoson	Social Worker Guidance	0.5	68,600	34,300
Teachers	Ottoson	Digital Media / Computer Science	0.4	68,600	27,440
Teachers	Ottoson	World Language Spanish/ French	0.8	68,600	54,880
Teachers	Ottoson	School Nurse	1	68,600	68,600
Curriculum Materials	Ottoson	Social Studies Textbooks/ Digital Subscription		12,000	12,000
Curriculum Materials	Ottoson	Pilot of Science Textbooks/ Digital Subscription		20,000	20,000
Curriculum Materials	Ottoson	Latin Textbooks/ digital subscription		6,000	6,000
Building Supplies	Ottoson	Desks, Chairs and Lockers for enrollment growth		50,000	50,000
Curriculum Materials	Ottoson	Visual Art supplies and equipment		2,500	2,500
Increases for Middle School			5.5		467,800

467,800

High School Increases for FY17

Area of Service	Location	Position Description	FTE	Salary/ Unit Cost	Total Cost
Teachers	High School	Math Pre-Algebra / Computer Science	0.4	68,600	27,440
Teachers	High School	Dual taught Math/ High Needs	0.4	68,600	27,440
Teachers	High School	English	0.6	68,600	41,160
Teachers	High School	Social Studies History	0.6	68,600	41,160
Teachers	High School	Science Biology/ Physics	0.6	68,600	41,160
Teachers	High School	World Language French	0.2	68,600	13,720
Teachers	High School	World Language Spanish	0.2	68,600	13,720

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Teachers	High School	Family and Consumer Science	0.2	68,600	13,720
Teachers	High School	Visual Art Digital	0.6	68,600	41,160
Teachers	High School	Technical Education (Makerspace)	1	68,600	68,600
Athletics	High School	Athletics Budget Adjustment		287,530	287,530
Technology	High School	Set of Chromebooks for Social Studies		7,900	7,900
Technology	High School	iPad Mini cart for World Languages		9,000	9,000
Curriculum Materials	High School	Latin Textbooks/ digital subscriptions		17,000	17,000
Curriculum Materials	High School	Visual Art supplies and equipment		9,900	9,900
Curriculum Materials	High School	Family Consumer Science supplies		2,500	2,500
Professional Development	High School	Advisory development and support		20,000	20,000
	Increases for High School		4.8		683,110

683,110

Other Increases for FY17

Area of Service	Location	Position Description	FTE	Salary/ Unit Cost	Total Cost
Teachers	District Wide	Reserve Teaching Positions	5	68,600	343,000
Teaching Assistants	District Wide	Reserve Positions	5	17,340	86,700
Administration	Secondary	Director of Guidance K-12	1	90,000	90,000
Administration	District Wide	Music Director K-12	0.5	90,000	45,000
Teachers	Elementary	District Lead Teacher Science K-5	1	68,600	68,600
Teachers	District Wide	Information Technology Instruction	0.4	68,600	27,440
Teachers	District Wide	Elementary Math Coach	1.6	68,600	109,760
Teaching Assistants	District Wide	Math Intervention Support	1	25,268	25,268
Teachers	District Wide	Literacy Coach	1	68,600	68,600
Web Support	District Wide	Enhanced Web presence	0.2	68,600	13,720
Technology Support	District Wide	Desktop support	1	50,000	50,000
Professional Development	District Wide	Support for Common Core implementation		100,000	100,000
Civil Rights Compliance	District Wide	Translations of essential communications		10,000	10,000
Photocopiers	District Wide	Renewal of lease and expansion of equipment		100,000	100,000
	Increases for Other areas		17.7		1,138,088

1,138,088

Total Proposed Increases for FY17

3,872,980

Total Available Funding with current funding model

492,781

Additional Funding Needed to meet all requests

3,380,199

This draft represents all requests that do not conflict with larger requests to town, for example the \$200,000 for tech made by M. Janger that is not part of the larger tech plan of the district, funded by Capital. Also not included were furnishing for the High School, given the likelihood of an MSBA project in the near future. This does include M. Dlugolecki's \$287,000 request for Athletics, which she claims to need to run the department.

Original Ask List
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It does not include a fourth assistant principal/ dean at the high school.

The Total Available Funding figure comes from using the Long Range projection, removing all pro-forma staffing increases for enrollment growth, and also removing all increases from line items not tied to salary.

10 Year Enrollment History and Projected Enrollment 2017-2021 -by Grade Levels

<u>Year</u>	Births 5-yrs prev	<u>Pre-K</u>	<u>K</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>Tot</u>	Incr/(Decr) from Prior yr.	% Change
2006-2007	545	84	442	391	386	394	385	357	356	339	347	302	309	301	323	4716	-18	
2007-2008	537	79	409	439	399	384	381	382	337	354	317	316	271	299	292	4659	-57	-1.2%
2008-2009	496	82	456	405	439	387	376	374	369	344	354	296	308	266	300	4756	97	2.1%
2009-2010	558	64	457	451	411	423	387	366	365	373	343	320	295	323	272	4850	94	2.0%
2010-2011	545	60	450	442	435	399	427	367	349	350	365	306	325	296	311	4882	32	0.7%
2011-2012	537	47	434	455	421	426	390	412	355	335	348	308	304	342	299	4876	-6	-0.1%
2012-2013	496	57	453	472	446	420	429	395	379	337	337	322	313	309	354	5023	147	3.0%
2013-2014	558	60	477	478	483	464	434	429	357	393	328	299	320	321	314	5157	134	2.7%
2014-2015	517	65	516	488	466	483	456	433	401	348	376	319	309	324	342	5326	169	3.3%
2015-2016	563	60	487	520	481	459	478	462	414	389	345	352	331	293	339	5410	84	1.6%
5 Year Weighted Average Continuity Rate		1 (PK)	0.901 (K)	1.032 (K-1)	0.987 (1-2)	1.001 (2-3)	0.998 (3-4)	1.003 (4-5)	0.936 (5-6)	0.981 (6-7)	0.981 (7-8)	0.928 (8-9)	1.022 (9-10)	0.997 (10-11)	1.041 (11-12)			
Projected 2016-2017	545	60	491	503	513	482	458	480	432	406	381	320	360	330	305	5522	196	3.7%
2017-2018	597	60	538	507	496	514	481	460	449	424	398	354	327	359	344	5711	189	3.4%
2018-2019	616	60	555	555	501	497	513	482	430	440	416	370	362	326	373	5881	171	3.0%
2019-2020	573	60	516	573	548	501	496	515	451	422	432	386	378	361	340	5980	98	1.7%
2020-2021**	604	60	544	533	566	549	500	498	482	443	414	401	395	377	376	6137	157	2.6%

Data as of 10/19/15, numbers not yet certified

**Birth Numbers from Arlington Town Clerk, estimated for 2020-2021