

**OLENTANGY SCHOOL DISTRICT**  
**Middle & High School Models - (EP1e Model, Revised Capacity Model)**  
**With Sept 23, 2008 Enrollment**  
**November 3, 2008**

**Assumptions:**

Assume that can stretch high school capacity to 1800 if needed for short periods  
 Dejong Model EP1e

<b>Projected Enrollment Based on hybrid model (DEMAND)</b>												
<b>Grade</b>	07-08	08-09*	09-10*	10-11*	11-12*	12-13*	13-14*	14-15*	15-16*	16-17*	17-18*	18-19*
Pre-School	234	300	299	294	322	322	322	322	322	322	322	322
Kindergarten	1203	1253	1248	1228	1345	1345	1345	1345	1345	1345	1345	1345
1-5	5851	6309	6701	6979	7060	7209	7363	7453	7558	7695	7695	7695
Elementary Total	7288	7862	8247	8500	8727	8876	9030	9120	9225	9361	9361	9361
Middle School	2836	3039	3310	3552	3881	4097	4300	4391	4440	4462	4555	4663
High School	3039	3370	3752	3961	4231	4509	4744	5158	5511	5734	6011	6093
<b>Total PK-12 @ EP1e Model</b>	<b>13163</b>	<b>14271</b>	<b>15310</b>	<b>16014</b>	<b>16838</b>	<b>17482</b>	<b>18074</b>	<b>18669</b>	<b>19176</b>	<b>19557</b>	<b>19928</b>	<b>20117</b>

**Calculated Building Capacity (Supply)**

Olentangy High School	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
Olentangy Liberty HS	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Olentangy HS Expansion	<b>Bond March '08</b>			200	200	200	200	200	200	200	200	200
Olentangy Orange HS (#3)		1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
High School #4-New	<b>Bond Spring'12</b>								1600	1600	1600	1600
<b>Total 9-12 Capacity</b>	<b>3000</b>	<b>4600</b>	<b>4600</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>	<b>4800</b>	<b>6400</b>	<b>6400</b>	<b>6400</b>	<b>6400</b>
<b>9-12 (Capacity - Enrollment)</b>	<b>(39)</b>	<b>1230</b>	<b>848</b>	<b>839</b>	<b>569</b>	<b>291</b>	<b>56</b>	<b>(358)</b>	<b>889</b>	<b>666</b>	<b>389</b>	<b>307</b>
<b>Avg. Enrollment/High School</b>	<b>1520</b>	<b>1123</b>	<b>1251</b>	<b>1320</b>	<b>1410</b>	<b>1503</b>	<b>1581</b>	<b>1719</b>	<b>1378</b>	<b>1433</b>	<b>1503</b>	<b>1523</b>
<b>Middle School</b>												
Middle Schl #1 Shanahan	900	900	900	900	900	900	900	900	900	900	900	900
Shanahan East Side												
Middle Schl#2-Liberty	900	900	900	900	900	900	900	900	900	900	900	900
Middle Schl#3-Orange	900	900	900	900	900	900	900	900	900	900	900	900
Middle Schl #4-Hyatts	900	900	900	900	900	900	900	900	900	900	900	900
Middle Schl #5-New	<b>Bond March '08</b>				900	900	900	900	900	900	900	900
Middle Schl #6-New	<b>Bond Spring'16</b>											900
<b>Total 6-8 Capacity</b>	<b>3600</b>	<b>3600</b>	<b>3600</b>	<b>3600</b>	<b>4500</b>	<b>4500</b>	<b>4500</b>	<b>4500</b>	<b>4500</b>	<b>4500</b>	<b>4500</b>	<b>5400</b>
<b>6-8 (Capacity-Enrollment)</b>	<b>764</b>	<b>561</b>	<b>290</b>	<b>48</b>	<b>619</b>	<b>403</b>	<b>200</b>	<b>109</b>	<b>60</b>	<b>38</b>	<b>(55)</b>	<b>737</b>
<b>Avg. Enrollment/Middle School</b>	<b>709</b>	<b>760</b>	<b>828</b>	<b>888</b>	<b>776</b>	<b>819</b>	<b>717</b>	<b>732</b>	<b>740</b>	<b>637</b>	<b>651</b>	<b>666</b>

**OLENTANGY SCHOOL DISTRICT**  
**Classroom Utilization**  
**EP1e Enrollment Model**  
**With October 28, 2008 Enrollment**  
**November 3, 2008**

Classroom Usage

	PK	K	1	2	3	4	5	Grades 1-5	All Grades Total	Classroom Design Capacity	Design Capacity - Total Classroom Usage	Classroom Over Capacity
ACES	1	3	5	6	5	4	4	24	28	27	(1)	(1)
AES		2	4	5	5	4	5	23	25	26	1	
GOES	2	3	6	6	4	4	4	24	29	26	(3)	(3)
ISES		4	5	7	5	4	4	25	29	26	(3)	(3)
JCES	4	2	4	4	3	4	3	18	24	26	2	
LTES	3	3	7	4	4	4	4	23	29	26	(3)	(3)
OCES		3	7	5	5	5	4	26	29	26	(3)	(3)
OMES		3	7	6	5	4	5	27	30	26	(4)	(4)
SRES		2	6	6	6	5	5	28	30	26	(4)	(4)
TRES		3	6	6	5	5	5	27	30	26	(4)	(4)
WCES		3	6	6	6	4	4	26	29	26	(3)	(3)
WRES	2	2	4	4	5	4	5	22	26	27	1	

Total	12	33	67	65	58	51	52	293	338	314		(28)
Enrollment (Oct 28)	232	1259	1317	1336	1319	1170	1176	6318				
Students / Classroom	<b>9.7</b>	<b>19.1</b>	19.7	20.6	22.7	22.9	22.6	<b>21.6</b>				

Negative Numbers represent the non-classroom space, including Computer Room/Art Room/ Music Room/Special Ed, as classrooms

**OLENTANGY SCHOOL DISTRICT**  
**Elementary Schools Model (EP1e Model, Revised Capacity Model)**  
**With Sept 23, 2008 Enrollment**  
**November 3, 2008**

**Assumptions:**

Half day kindergarten results in two kindergarten students per seat  
 Pre School utilizes two students per seat  
 Pre-school will be allocated so as to maintain an average of 18 students per classroom (two 9 student session per classroom)  
 Dejong Model EP1e

<b>Usage Factors</b>												
Classrooms per elementary*	26	26	26	26	26	26	26	26	26	26	26	26
Elementary Schools	12	12	13	14	15	15	15	16	16	16	16	16
Seats per classroom design capacity	25	25	25	25	25	25	25	25	25	25	25	25
Total Classrooms	314	314	340	366	392	392	392	418	418	418	418	418
Total Classrooms Utilized		338										
<b>PK Student/Classroom Ratio</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>	<b>9.7</b>
<b>Kindergarten Student/Classroom Ratio</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>	<b>19.1</b>
<b>1-5 Student/Classroom Ratio***</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>	<b>21.6</b>

<b>Projected Enrollment Based on hybrid model (DEMAND)</b>												
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Elementary Total	7288	7862	8247	8500	8727	8876	9030	9120	9225	9361	9361	9361
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<b>Total PK-12 @ EP1e Model</b>	<b>13163</b>	<b>14271</b>	<b>15310</b>	<b>16014</b>	<b>16838</b>	<b>17482</b>	<b>18074</b>	<b>18669</b>	<b>19176</b>	<b>19557</b>	<b>19928</b>	<b>20117</b>

<b>Elementary School</b>												
Shanahan East Side (Olentangy Elem.)	0	0	0	0	0	0	0	0	0	0	0	0
Wyandot	675	675	675	675	675	675	675	675	675	675	675	675
Alum Creek	675	675	675	675	675	675	675	675	675	675	675	675
Arrowhead	650	650	650	650	650	650	650	650	650	650	650	650
Scioto Ridge	650	650	650	650	650	650	650	650	650	650	650	650
Oak Creek	650	650	650	650	650	650	650	650	650	650	650	650
Tyler Run	650	650	650	650	650	650	650	650	650	650	650	650
Indian Springs	650	650	650	650	650	650	650	650	650	650	650	650
Walnut Creek	650	650	650	650	650	650	650	650	650	650	650	650
Elementary #9-Glen Oak	650	650	650	650	650	650	650	650	650	650	650	650
Elementary #10-Olentangy Meadows	650	650	650	650	650	650	650	650	650	650	650	650
Elementary #11-Liberty Tree	650	650	650	650	650	650	650	650	650	650	650	650
Elementary #12-Johnny Cake	650	650	650	650	650	650	650	650	650	650	650	650
Elementary #13-New	<b>Bond Mar '08</b>		650	650	650	650	650	650	650	650	650	650
Elementary #14-New	<b>Bond Mar '08</b>			650	650	650	650	650	650	650	650	650
Elementary #15-New	<b>Bond Mar '08</b>				650	650	650	650	650	650	650	650
Elementary #16-New						<b>Bond Mar '13</b>		650	650	650	650	650
Elementary #17-New								0	0	0	0	0
<b>Total Elementary Seat Capacity</b>	<b>7850</b>	<b>7850</b>	<b>8500</b>	<b>9150</b>	<b>9800</b>	<b>9800</b>	<b>9800</b>	<b>10450</b>	<b>10450</b>	<b>10450</b>	<b>10450</b>	<b>10450</b>
<b>PK-5 Students</b>	<b>7288</b>	<b>7862</b>	<b>8247</b>	<b>8500</b>	<b>8727</b>	<b>8876</b>	<b>9030</b>	<b>9120</b>	<b>9225</b>	<b>9361</b>	<b>9361</b>	<b>9361</b>
<b>PK-5 (Seat Capacity-Seats Required)</b>	<b>562</b>	<b>(12)</b>	<b>253</b>	<b>650</b>	<b>1073</b>	<b>924</b>	<b>770</b>	<b>1330</b>	<b>1225</b>	<b>1089</b>	<b>1089</b>	<b>1089</b>
<b>Avg. Enrollment/Elementary School</b>	<b>607</b>	<b>655</b>	<b>634</b>	<b>607</b>	<b>582</b>	<b>592</b>	<b>602</b>	<b>570</b>	<b>577</b>	<b>585</b>	<b>585</b>	<b>585</b>

<b>Adjust need for Split Sessions</b>												
Adjusted PK Seat Need (2:1)	117	150	150	147	161	161	161	161	161	161	161	161
Adjusted Kindergarten Seat Need (2:1)	602	627	624	614	672	672	672	672	672	672	672	672
Non-adjusted 1-5 Seat Needs (1:1)	5851	6309	6701	6979	7060	7209	7363	7453	7558	7695	7695	7695
<b>Total Adjusted PK-5 Seat Need</b>	<b>6570</b>	<b>7086</b>	<b>7474</b>	<b>7740</b>	<b>7893</b>	<b>8043</b>	<b>8196</b>	<b>8287</b>	<b>8391</b>	<b>8528</b>	<b>8528</b>	<b>8528</b>
<b>Seat Capacity - Adjusted Seat Need</b>	<b>1281</b>	<b>765</b>	<b>1026</b>	<b>1410</b>	<b>1907</b>	<b>1757</b>	<b>1604</b>	<b>2163</b>	<b>2059</b>	<b>1922</b>	<b>1922</b>	<b>1922</b>

<b>Adjust for Classroom</b>												
Pre Kindergarten Classroom Need	12	15	15	15	17	17	17	17	17	17	17	17
Kindergarten Classroom Need	31	33	33	32	35	35	35	35	35	35	35	35
Grades 1-5 Classroom Need	271	292	310	323	327	334	341	345	350	356	356	356
<b>Total Classrooms Need</b>	<b>314</b>	<b>340</b>	<b>358</b>	<b>370</b>	<b>379</b>	<b>386</b>	<b>393</b>	<b>397</b>	<b>402</b>	<b>408</b>	<b>408</b>	<b>408</b>
Actual PK draw on seat capacity	302	387	385	379	415	415	415	415	415	415	415	415
Actual Kindergarten draw on seat capacity	787	820	817	804	880	880	880	880	880	880	880	880
Actual 1-5 draw on seat capacity	6772	7302	7755	8077	8171	8344	8522	8626	8748	8906	8906	8906
<b>Total Adjusted PK-5 Seat Need</b>	<b>7861</b>	<b>8509</b>	<b>8957</b>	<b>9260</b>	<b>9466</b>	<b>9639</b>	<b>9817</b>	<b>9921</b>	<b>10043</b>	<b>10201</b>	<b>10201</b>	<b>10201</b>
<b>Seat Capacity - Adjusted Seat Need</b>	<b>(11)</b>	<b>(659)</b>	<b>(457)</b>	<b>(110)</b>	<b>334</b>	<b>161</b>	<b>(17)</b>	<b>529</b>	<b>407</b>	<b>249</b>	<b>249</b>	<b>249</b>

**Development Committee Report  
2008 Long Range Plan Summary  
With No Adjustments for Bond Issue Timing  
November 3, 2008**

**Elementary Schools**

Year	EP 1e Model (October '08) (Including Pre-school)	
	Bond Issue	Open
07-08	ES13, ES14, ES15	ES11, ES12
08-09		
09-10		ES13
10-11		ES14
11-12		ES15
12-13	ES16	
13-14		
14-15		ES16
15-16		
16-17		
17-18		
18-19		

**Middle Schools**

Year	EP 1e Model (October '08)	
	Bond Issue	Open
07-08	MS5	MS4 (Hyatts)
08-09		
09-10		
10-11		
11-12		MS5
12-13		
13-14		
14-15		
15-16	MS6	
16-17		
17-18		
18-19		MS6

**High Schools**

Year	EP 1e Model (October '08)	
	Bond Issue	Open
07-08	HS1+	
08-09		HS3(Orange)
09-10		
10-11		HS1+
11-12	HS4	
12-13		
13-14		
14-15		
15-16		HS4
16-17		
17-18		
18-19		

