Montgomery County Schools

441 Page Street ● P.O. Box 427 ● Troy, North Carolina 27371-0427
(910) 576-6511 FAX (910) 576-2044

TO: Board of Education

FROM: Dale Ellis

DATE: December 5, 2011

SUBJ: INFORMATION ITEM (State Ranking)

Attached is the proposed formula to measure our ranking in the state. The state of North Carolina does not rank school systems, so we have to develop our own formula to do so. The attached proposal will be explained and adjustments made based upon Board feedback. There is no perfect way to measure performance, whether it is outright proficiency or growth. While I tend to believe growth to be the best measure, there would be plenty that would argue proficiency. Thus, however we choose to measure it, it will not be perfect. But, we need to come up with an agreed upon measure that takes into account variables that impact Montgomery County Schools. Once the baseline is set, whatever that is, we will be able to clearly measure if we are improving and how well we are improving compared to the region and the state, which is the purpose of the ranking system.

Ben Grindstaff and I will be available to answer any questions you may have.

Ranking System

Components:

Growth Rank – rank of the average growth on all assessments for each of the 115 districts.

Academic Rank – rank of the composite for all assessments for each of the 115 districts.

Grad Rate Rank – rank of the grad rates for each of the 15 districts.

FRL Rank – rank of the percentage of students eating free or reduced lunch in each of the 115 districts.

*Composite – this component is a composite of all the ranks at certain weights.

Growth Rank – weighted at 15%
Academic Rank – weighted at 40%
Grad Rate Rank – weighted at 15%
FRL Rank – weighted at 30%

*Note this component is reverse ranked. The higher composite of all the ranks would produce a lower rank. The lower composite would produce a higher rank.

Relative Rank – Re-rank of the composite to produce an overall rank.

North Carolina School District Ranking 2010-2011

District	Growth	Growth Rank	Academic	Academic Rank	Grad Rate	Grad Rate Rank	FRL	FRL Rank	Composite	Relative Rank
Alamance-Burlington	60.1	96	74.9	59	75.5	84	47.7	95	79.10	108
Alexander County	66.8	48	78.8	37	76.6	75	52.6	88	59.65	60
Alleghany County	68.5	30	79.6	31	80.6	46	65.4	31	33.10	7
Anson County	49.7	114	53.2	114	75.9	81	75.7	15	79.35	110
Ashe County	71.5	14	78.4	39	80.6	46	59.6	56	41.40	22
Asheboro City	64.1	69	69.9	86	83.7	22	69.3	23	54.95	49
Asheville City	66.9	47	76.2	48	80.7	44	51.8	90	59.85	61
Avery County	67.1	43	75.3	56	85.1	13	61.5	46	44.60	27
Beaufort County	59.5	102	70	84	75.7	82	63.1	40	73.20	97
Bertie County	66.6	51	68.8	92	78.6	59	82.8	7	55.40	50
Bladen County	50.6	113	60	110	74.9	89	69.3	23	81.20	111
Brunswick County	70.4	23	81.2	19	79.2	54	60.2	53	35.05	9
Buncombe County	63.9	71	75.2	57	77.9	67	53.5	81	67.80	79
Burke County	62.9	80	61.1	108	85	16	58.1	63	76.50	104
Cabarrus County	65.6	56	80	28	84.1	20	40.8	105	54.10	46
Caldwell County	62.5	83	81.1	22	81.4	38	57.8	65	46.45	31
Camden County	71.2	18	85.2	5	90.7	3	29.8	114	39.35	17
Carteret County	67	45	86	4	83	24	41	104	43.15	26
Caswell County	65.5	57	73	75	76.3	78	64.6	34	60.45	63
Catawba County	63.5	77	79.4	32	86.2	9	48.3	94	53.90	45
Chapel Hill-Carrboro	76.9	1	89.3	1	88.3	6	23.8	115	35.95	10
Charlotte-Mecklenburg County	69.2	27	77.9	43	73.5	96	55.4	74	57.85	55
Chatham County	67.6	36	75.6	54	74.3	92	49.5	91	68.10	80
Cherokee County	71.3	16	81.5	17	86.1	10	65.5	30	19.70	1
Clay County	75.7	2	83.7	9	85	16	58.3	61	24.60	2
Cleveland County	64.4	65	79.4	32	73.2	100	59.4	57	54.65	47
Clinton City	66.6	51	76	50	78.1	62	65.1	32	46.55	32
Columbus County	67.2	40	71.8	82	81.6	36	70.4	20	50.20	38
Craven County	57.5	109	76.2	48	80.9	40	54	79	65.25	74
Cumberland County	65.5	57	74.8	61	78.1	62	56.4	72	63.85	70
Currituck County	68	32	82.1	14	80.3	50	35.7	110	50.90	39
Dare County	71.9	11	82.6	13	90.1	4	39.5	106	39.25	16
Davidson County	63.3	78	80.1	27	80.6	46	42.1	103	60.30	62
Davie County	70.1	25	82.1	14	76.6	75	42.9	102	51.20	40
Duplin County	63	79	69.3	88	69.1	109	70.2	21	69.70	84
Durham County	59.6	101	63.9	104	73.9	93	55.1	75	93.20	115
Edenton/Chowan	63.8	73	70	84	78	65	61.8	44	67.50	77
Edgecombe County	55.9	110	58.6	111	75	88	77.5	13	78.00	106
Elizabeth City/Pasquotank County	60.6	93	69	90	77.2	70	59.8	54	76.65	105
Elkin City	73.5	5	86.1	3	91.7	1	37.3	109	34.80	8
Forsyth County	65	61	75.9	52	78.8	56	53.5	81	62.65	68
Franklin County	67.6	36	78.2	40	78.9	55	59	59	47.35	34
Gaston County	67.8	34	74.4	67	75.4	85	57.7	66	64.45	72

District	Growth	Growth Rank	Academic	Academic Rank	Grad Rate	Grad Rate Rank	FRL	FRL Rank	Composite	Relative Rank
Gates County	64.6	62	73	75	82	32	49.5	91	71.40	91
Graham County	65.7	55	76	50	85.6	11	60.8	51	45.20	28
Granville County	63.9	71	69.3	88	67.3	114	53.2	87	89.05	112
Greene County	60.7	92	61.3	107	76.3	78	72.8	17	73.40	99
Guilford County	70.6	20	74	71	83.1	23	55	76	57.65	54
Halifax County	41.5	115	39.4	115	71.9	105	86.8	1	79.30	109
Harnett County	60.9	91	68.4	96	72.8	101	55.9	73	89.10	113
Haywood County	61.9	86	80.9	24	79.3	53	63.2	38	41.85	25
Henderson County	65.3	59	82.8	12	82.9	27	53.6	80	41.70	23
Hertford County	59.3	104	60.2	109	83.9	21	81.8	8	64.75	73
Hickory City	62.9	80	72.6	78	76.5	77	61	50	69.75	86
Hoke County	71.5	14	74.1	70	69.9	108	66.4	28	54.70	48
Hyde County	64.5	64	66.5	100	83	24	58.1	63	72.10	94
Iredell-Statesville	59.9	98	78.9	36	85.1	13	43.5	100	61.05	65
Jackson County	67.6	36	75.6	54	77.2	70	57.4	68	57.90	56
Johnston County	57.9	107	81.2	19	78.7	58	44.3	99	62.05	67
Jones County	73.3	6	78.8	37	77	73	78.4	12	30.25	4
Kannapolis City	69.2	27	74.7	63	85.1	13	64.3	35	41.70	23
Lee County	64.2	68	72.8	77	80.4	49	62	43	61.25	66
Lenoir County	60.4	94	67.9	97	71.9	105	67.9	26	76.45	103
Lexington City	58.6	106	65	102	73.3	98	83.2	6	73.20	98
Lincoln County	70.2	24	80.4	26	81.6	36	48.7	93	47.30	33
Macon County	70.5	22	76.7	47	84.8	19	63.2	38	36.35	12
Madison County	61.6	89	77.2	45	81.8	34	57.3	69	57.15	53
Martin County	66.3	53	74.8	61	75.6	83	62.8	41	57.10	52
McDowell County	67.5	39	77.2	45	75.2	87	62.1	42	49.50	37
Mitchell County	69.2	27	80	28	80	51	59	59	40.60	20
Montgomery County	73.7	4	68.9	91	77.9	67	74	16	51.85	43
Moore County	64	70	79	35	72.3	104	45	98	69.50	83
Mooresville City	71.7	12	84	7	91.1	2	39.2	107	37.00	14
Mount Airy City	71.6	13	81.9	16	85	16	53.3	86	36.55	13
Nash-Rocky Mount	61.9	86	68.6	93	74.7	90	66.6	27	71.70	93
New Hanover County	71.3	16	80.5	25	73.9	93	45.6	97	55.45	51
Newton-Conover	73.1	7	77.8	44	83	24	63.8	36	33.05	6
Northampton County	57.8	108	62.4	105	76	80	84.1	4	71.40	92
Onslow County	66.7	50	75.8	53	81.7	35	43.2	101	64.25	71
Orange County	72.8	8	81.2	19	82.8	28	39	108	45.40	29
Pamlico County	64.6	62	73.1	74	80.9	40	61.4	47	59.00	58
Pender County	69.9	26	81.1	22	81.9	33	54.9	77	40.75	21
Perquimans County	66.8	48	74.9	59	85.3	12	58.2	62	51.20	40
Person County	67	45	74.7	63	72.7	102	57.5	67	67.35	76
Pitt County	59.4	103	66.6	99	70	107	56.5	71	92.40	114
Polk County	72.4	9	87	2	87.2	8	53.5	81	27.65	3
Randolph County	61.7	88	74.4	67	82.5	31	53.4	85	70.15	88
Richmond County	63.6	74	66.5	100	73.6	95	71.8	18	70.75	89
Roanoke Rapids	65.9	54	73.3	73	75.4	85	54.1	78	73.45	100

District	Growth	Growth Rank	Academic	Academic Rank	Grad Rate	Grad Rate Rank	FRL	FRL Rank	Composite	Relative Rank
Robeson County	59.7	99	64	103	78.8	56	81.8	8	66.85	75
Rockingham County	64.3	67	72.2	81	72.4	103	59.2	58	75.30	102
Rowan-Salisbury	60.1	96	68.6	93	76.9	74	59.8	54	78.90	107
Rutherford County	59.7	99	72.3	79	69	111	69.4	22	69.70	84
Sampson County	64.4	65	71.7	83	73.4	97	71.1	19	63.20	69
Scotland County	61	90	69.7	87	65.6	115	76.8	14	69.75	87
Stanly County	62.1	85	74.5	66	77.9	67	53.5	81	73.50	101
Stokes County	67.2	40	79.4	32	81.1	39	46.8	96	53.45	44
Surry County	71.1	19	83.2	10	78.4	60	60.3	52	31.45	5
Swain County	67.2	40	74.4	67	73.3	98	63.5	37	58.60	57
Thomasville City	62.4	84	61.5	106	67.8	112	85.9	3	72.70	95
Transylvania County	67.7	35	82.9	11	78	65	56.9	70	40.40	19
Tyrrell County	59.3	104	72.3	79	80.8	43	69.3	23	60.55	64
Union County	70.6	20	84.9	6	89.1	5	33.5	112	39.75	18
Vance County	62.9	80	68.5	95	67.5	113	83.6	5	68.45	81
Wake County	67.9	33	81.5	17	80.9	40	33	113	51.65	42
Warren County	65.2	60	67	98	79.5	52	79.7	11	59.30	59
Washington County	53.4	112	53.8	113	82.6	29	81.4	10	69.35	82
Watauga County	72.2	10	83.9	8	87.4	7	34.4	111	39.05	15
Wayne County	60.3	95	74.7	63	74.6	91	61.3	48	67.50	77
Weldon City	53.7	111	57.1	112	77.1	72	86.3	2	72.85	96
Whiteville City	68.1	31	75.1	58	78.1	62	65.8	29	45.85	30
Wilkes County	63.6	74	78.1	41	80.7	44	61.6	45	47.60	35
Wilson County	67.1	43	78	42	69.1	109	64.8	33	49.50	36
Yadkin County	63.6	74	73.8	72	82.6	29	52	89	70.95	90
Yancey County	75.3	3	79.9	30	78.2	61	61.2	49	36.30	11

TOP 20

District	Growth	Growth Rank	Academic	Academic Rank	Grad Rate	Grad Rate Rank	FRL	FRL Rank	Composite	Relative Rank
Cherokee County	71.3	16	81.5	17	86.1	10	65.5	30	19.70	1
Clay County	75.7	2	83.7	9	85	16	58.3	61	24.60	2
Polk County	72.4	9	87	2	87.2	8	53.5	81	27.65	3
Jones County	73.3	6	78.8	37	77	73	78.4	12	30.25	4
Surry County	71.1	19	83.2	10	78.4	60	60.3	52	31.45	5
Newton-Conover	73.1	7	77.8	44	83	24	63.8	36	33.05	6
Alleghany County	68.5	30	79.6	31	80.6	46	65.4	31	33.10	7
Elkin City	73.5	5	86.1	3	91.7	1	37.3	109	34.80	8
Brunswick County	70.4	23	81.2	19	79.2	54	60.2	53	35.05	9
Chapel Hill-Carrboro	76.9	1	89.3	1	88.3	6	23.8	115	35.95	10
Yancey County	75.3	3	79.9	30	78.2	61	61.2	49	36.30	11
Macon County	70.5	22	76.7	47	84.8	19	63.2	38	36.35	12
Mount Airy City	71.6	13	81.9	16	85	16	53.3	86	36.55	13
Mooresville City	71.7	12	84	7	91.1	2	39.2	107	37.00	14
Watauga County	72.2	10	83.9	8	87.4	7	34.4	111	39.05	15

District	Growth	Growth Rank	Academic	Academic Rank	Grad Rate	Grad Rate Rank	FRL	FRL Rank	Composite	Relative Rank
Dare County	71.9	11	82.6	13	90.1	4	39.5	106	39.25	16
Camden County	71.2	18	85.2	5	90.7	3	29.8	114	39.35	17
Union County	70.6	20	84.9	6	89.1	5	33.5	112	39.75	18
Transylvania County	67.7	35	82.9	11	78	65	56.9	70	40.40	19
Mitchell County	69.2	27	80	28	80	51	59	59	40.60	20