MSBE Comment
Jaclyn Paris
October 24, 2017

Good Afternoon. My name is Jaclyn Paris. I am a member of Right to Read – Maryland. I have become very active in striving for teachers to receive **Structured Literacy training** in order to be able to teach ALL children to learn to read. According to the PARCC 2017 Maryland Reading Scores, 59% of students are reading below grade level. This means that only 41% of students are meeting or exceeding proficiency in Maryland. It doesn't have to be this way! When teachers receive Structured Literacy Training, they become successful and so do their students. Here is my story…

I graduated cum laude with a Bachelor's Degree in Elementary and Special Education from Duquesne University in Pittsburgh, PA. I even received The Faculty Award for General Excellence in Special Education. I was so excited to be hired as a Special Educator in Baltimore County Public Schools. I felt fully prepared. But, I didn't know the most important thing; how to teach All children to read. I was shocked to learn that, in real life, when a child didn't learn everything on his/her I.E.P., those goals and objectives could simply be placed on the child's I.E.P. for the next year. There was no accountability.

I felt completely devastated when I was unable to help a third grade non-reader and other struggling readers for a whole year! Nothing I tried worked. I had failed myself, but even more crushing, I had failed the students who had depended on me. Unfortunately, my story as a teacher is not unique nor is this unique to Baltimore County Public Schools. Fran Bowman, from Bowman Educational Services is now training 200 Special Education Teachers in Orton Gillingham in Baltimore County Public Schools as they are realizing this training is needed. Wouldn't it be wonderful if All teachers received this training at the Universities and were fully prepared to teach every child to read?

That summer, my frustration prompted me to seek Structured Literacy training. After completing the training, I taught the same third grade non-reader (now in 4th grade) to read at a second grade level! Did you know that when children are taught the way they learn they can improve several grade levels in one year?   From then on, over the next 5 years, I worked with many small groups to teach struggling readers to read. It became my passion!   If we just began teaching all children in Kindergarten using a Structured Literacy approach, we could prevent reading failure!   Many children would not even become struggling readers! We could prevent children from experiencing year after year of failure and subsequently qualifying for Special Education!

Structured Literacy is effective because it is sequential and systematic. Progress is continuously monitored so that children are experiencing success! I like to use walking up steps as an analogy; Teachers teach children to walk up 1 step at a time in a sequence. Some children will reach the top quickly and easily, while others will need more practice with each step. BUT

EVERYONE WILL GET THERE! In other words, children are set up for success because Structured Literacy prepares students to decode words in an explicit and systematic manner!

Having the cure for illiteracy and not providing it hurts more than just a child and a child's family. It hurts society as a whole. All of the untapped potential of functionally illiterate individuals is staggering; "85% of all juveniles who interface with the juvenile court system are functionally illiterate" (National Assessment of Adult Literacy, 2003). Many students who struggle to read and write drop out of school and are at risk for unemployment, drugs, crime and ultimately incarceration.

We ask the Board and the State Board to set standards for the delivery of research-based reading instruction in our colleges and universities and require candidates to pass a test of research-based reading instruction for certification, so that all of our children can learn to read.

Thank You!

Jaclyn Paris, BS

Founder and Owner of Readventures, LLC
Member, Right to Read - Maryland

Start
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Healthy Hours

Baltimore County Chapter|Maryland
health, safety and equity in education

My name is Andra Williams Broadwater, and I am the chapter leader for Start School Later – Baltimore County. I am speaking to you today on behalf of my chapter, as well as our statewide group, Start School Later Maryland.

You may have seen some national headlines talking about school start times over the past few weeks. Many of them were talking about a RAND report that analyzed the potential impact to the economy of starting school after 8:30 am, as recommended by the American Academy of Pediatrics, among numerous others. The study found that delaying school start times results in higher academic performance and fewer car crashes, adding about $9 billion each year to the national economy. Maryland is one of three states missing from the analysis, because our state does not collect school start times. The study's authors are willing to run the analysis and determine the potential economic impact of later start times on our state. Start School Later Maryland have collected the middle and high school start times statewide, so I'm asking you to direct the MSDE to validate and submit these data. I hope you agree that it would be very interesting to see what a later start time could add to our state's economy, on top of the increases projected by the later start date that went into effect this year.

I also want to ask you to consider statewide action on school start times.

I want to make sure you understand what our kids are going through under the current schedule. In Baltimore County last year, the regular high school bus pickups started at 6:02 am. Magnet schools' buses start even earlier. That means from September through mid-May, kids are waiting for the bus before sunrise, getting to school as the sun comes up, and wishing every second that they were still asleep. That's not because they're lazy or stayed up too late texting. It's because adolescent biology makes it hard for average teens to go to sleep before about 11:00, yet they still need about 9 hours of sleep. Doing the math, we're asking them to be ready for the bus 2 hours before their bodies are ready to be awake. Ask any high school teacher if they have a class of fully awake and alert kids first period, and you'll get a flat-out "no."

When kids are fully-rested, they achieve higher academically and in sports, learn more, and are more physically and mentally healthy. So why aren't we giving our students this advantage?

As the 2014 joint report from Maryland's departments of health and education eloquently stated:

"Any consideration of a statewide mandate for a later school start time must consider the unique needs of each of the 24 local jurisdictions. However, in preserving the status quo whereby school start times are a matter for each local jurisdiction, the state risks letting local resistance trump a strong body of scientific evidence that sleep is critical to health and academic achievement."

Your mission is to provide students with the supports necessary to learn, achieve, and find success in college and careers. I think you know none of that is possible if they're too tired to learn. Please use

your leadership to prevent what the report predicted: letting local resistance trump the scientific evidence. Please help our districts start school later.

Thank you.

Attachments: (1) Maryland Middle School Start Times

(2) Maryland High School Start Times

Maryland Public Schools Middle School Start Times: 2017-2018 School Year

The *American Academy of Pediatrics* recommends that middle and high schools start at 8:30 a.m. or later.

The *American Medical Association, American Psychological Association, American Academy of Child & Adolescent Psychiatry,* the *National Association of School Nurses,* the *Education Commission of the States,* the *National PTA* and others agree.

As detailed here, many of Maryland's public middle schools open well before 8:30 a.m. That said, there are also quite a few that begin well after 8:30 a.m.

Early bus pick-ups require students to wake at hours long before what is safe, healthy, and developmentally appropriate for their still-growing brains and bodies. Teaching sleep-deprived adolescents challenging academics, in the 7 a.m. hour is both cruel and undermining.

With such schedules, teenagers have to be in bed and *asleep* at 8 or 9 p.m. in order to get the amount of sleep they need. This just isn't possible — for biological and logistical reasons. When students oversleep and miss the bus, many wind up being extremely tardy or entirely absent from school, especially when they lack transportation alternatives.

ALLEGANY COUNTY

Braddock MS	7:40
Mount Savage (K-8)	7:30
Washington MS	7:40
Westmar MS	7:40

ANNE ARUNDEL COUNTY

Annapolis MS	8:35
Arundel MS	8:15
Bates MS	8:25
Brooklyn Park MS	8:15
Central MS	8:15
Chesapeake Bay MS	8:25
Corkran MS	8:15
Crofton MS	8:25
George Fox MS	8:10
Lindale MS	8:15
MacArthur	9:00
Magothy River MS	9:25
Marley MS	8:40
Meade MS	8:20
Old Mill MS North	9:25
Old Mill MS South	9:25
Severn River MS	9:25
Severna Park MS	8:15
Southern MS	8:25
Phoenix Academy	7:23
Chesapeake Science Point Charter	8:20

BALTIMORE CITY

Academy for College and Career Exploration	8:10
Afya Public Charter	8:15
Arlington ES/MS	8:45
Armistead Gardens ES/MS	8:00
Arundel ES/MS	8:00
Baltimore Collegiate School for Boys	8:30
Baltimore Design School	8:30
Baltimore International Academy	8:00
Baltimore Leadership School for Young Women	8:45
Baltimore Montessori Public Charter	8:20
Banneker Blake Academy of Arts and Science	8:00

Barclay ES/MS	7:45
Bay Brookes ES/MS	8:30
Beechfield ES/MS	8:00
Bluford Drew Jemison STEM Academy West	8:00
Booker T. Washington MS	8:45
Calverton ES/MS	8:00
Cherry Hill ES/MS	8:45
City Neighbors Charter School	8:15
City Neighbors Hamilton	8:15
City Springs ES/MS	8:15
Claremont	9:00
Coldstream Park ES/MS	8:00
Collington Square ES/MS	8:45
Commodore John Rodgers ES/MS	8:45
ConnXions: Community Based Art School	9:00
Cross Country ES/MS	9:00
The Crossroads School	8:30
Curtis Bay ES/MS	7:45
Dickey Hill ES/MS	7:45
Dr. Carter Godwin Woodson ES/MS	7:45
Dr. Martin Luther King ES/MS	8:00
Dr. Nathan A. Pitts-Ashburton ES/MS	8:00
Eager Street Academy	8:30
Elmer A Henderson: A John Hopkins Partnership	8:45
Empowerment Academy	7:45
Excel Academy at Francis M. Wood HS	8:30
Fallstaff ES/MS	7:45
Forth Worthington ES/MS	7:45
Francis Scott Key ES/MS	8:15
Franklin Square ES/MS	8:00
Friendship Academy of Engineering & Technology	8:00
Garrett Heights ES/MS	9:00
Glenmount ES/MS	8:00
Graceland Park-O'Donnell Heights ES/MS	8:15
Grove Park ES/MS	7:45

Maryland Public Schools Middle School Start Times: 2017-2018 School Year

Guilford ES/MS	8:00	Stadium School	8:15	Pine grove MS	8:10
Hamilton ES/MS	7:45	Tench Tilghman ES/MS	7:45	Ridgely MS	8:15
HampdenES/MS	7:45	Thomas Jefferson ES/MS	8:00	Rosedale Center	7:00
Hampstead Hill Academy	8:00	Thomas Johnston ES/MS	7:45	Southwest Academy	8:05
Harlem Park ES/MS	8:00	Turnbridge Public Charter School	7:45	Sparrows Point MS	8:05
Hazelwood ES/MS	8:00	Vanguard Collegiate MS	8:00	Stemmers Run MS	8:25
Highlandtown ES/MS No 215	7:45	Violetville ES/MS	7:45	Sudbrook Magnet MS	8:30
HIghlandtown ES/MS No 237	8:00	Walter P. Carter ES/MS	9:00	Windsor Mill MS	8:30
Holabird ES/MS	9:00	Waverly ES/MS	8:45	Woodlawn MS	8:15
James McHenry ES/MS	8:00	Westport Academy	8:45		
Joseph C. Briscoe Academy	7:15	William Pinderhughes ES/MS	7:45	**CALVERT COUNTY**	
Knowledge & Success Academy	7:45	Williams S. Bear School	9:00	Calvert MS	7:22
KIPP Academy	7:35	Woodhome ES/MS	7:45	Mill Creek MS	8:05
Lakeland ES/MS	8:00			Northern MS	7:22
Leith Walk ES/MS	8:00	**BALTIMORE COUNTY**		Plum Point MS	8:10
Lillie May Carroll Jackson School	8:00	Arbutus MS	8:20	Southern MS	8:25
Lois T. Murray ES/MS	9:00	Catonsville MS	8:15	Windy Hill MS	8:07
Maree G. Farring ES/MS	8:00	Cockeysville MS	8:00		
Margaret Brent ES/MS	7:45	Crossroads Center	9:30	**CAROLINE COUNTY**	
Midtown Academy	8:20	Deep Creek MS	8:15	Lockerman MS	7:40
Monarch Acad. Public Charter School	8:00	Deer Park MS Magnet	8:10	Colonel Richardson MS	7:40
Montebello ES/MS	7:45	Dumbarton MS	8:15		
Morrell Park ES/MS	7:45	Dundalk MS	8:15	**CARROLL COUNTY**	
Mount Royal ES/MS	8:00	Franklin MS	7:50	East MS	8:35
Mount Washington School	8:00	General John Stricker MS	8:25	Mt. Airy MS	8:25
NACA Freedom & Democracy Academy	8:15	Golden Ring MS	8:10	North Carroll MS	8:30
National Academy Foundation	8:15	Hereford MS	7:40	Northwest MS	8:25
New Song Academy	8:30	Holabird MS	8:15	Shiloh MS	8:25
North Bend ES/MS	8:15	Lansdowne MS	8:05	Sykesville MS	8:25
Patterson Park Public Charter School	8:00	Loch Raven Technical Academy	8:15	West MS	8:35
Pimlico ES/MS	7:45	Meadowood Education Center	8:00	Carroll Springs K-12	8:35
Rognel Heights ES/MS	7:45	Middle River MS	8:15	Gateway 6-12	7:35
Roland Park ES/MS	8:00	Northwest Academy of Health Science	8:10		
Rosemont ES/MS	8:00	Parkville MS	8:10		
Southwest Baltimore Charter School	8:15	Perry Hall MS	8:20		

This handout was provided by Start School Later Maryland (www.StartSchoolLater.net)

Maryland Public Schools Middle School Start Times: 2017-2018 School Year

CECIL COUNTY

Bohemia Manor MS	7:40
Cherry Hill MS	7:40
Elkton MS	7:40
North East HS	7:40
Perryville MS	7:40
Rising Sun MS	7:40

CHARLES COUNTY

Theodore G. Davis	8:50
John Hanson MS	8:30
Mathew Henson MS	8:30
Mattawomen MS	8:25
Piccowaxen MS	7:45
General Smallwood MS	8:40
Milton M. Somers MS	7:30
Benjamin Stoddert MS	8:30

DORCHESTER COUNTY

Mace's Lane MS	7:50
North Dorchester MS	7:55
South Dorchester (K-8)	9:00

FREDERICK COUNTY

Ballenger Creek MS	7:30
Brunswick MS	8:00
Crestwood MS	8:00
Governor Thomas Johnson MS	7:50
Middletown MS	8:00
Monocacy MS	8:00
New Market MS	8:00
Oakdale MS	8:12
Thurmont MS	7:25
Urbana MS	8:00
Walkerville MS	8:00
West Frederick MS	8:00
Windsor Knolls MS	8:00

GARRETT COUNTY

Northern MS	8:30
Southern MS	8:30

HARFORD COUNTY

Aberdeen MS	8:15
Bel Air MS	8:15
Edgewood MS	8:15
Fallston MS	8:15
Harve de Grace MS	8:15
Magnolia MS	8:15
North Harford MS	8:15
Patterson Mill MS	8:15
Southampton MS	8:15

HOWARD COUNTY

Bonnie Branch MS	8:10
Burleigh Manor MS	8:00
Clarksville MS	8:25
Dunloggin MS	7:40
Elkridge Landing MS	8:00
Ellicott Mills MS	8:25
Folly Quarter MS	7:40
Glenwood MS	7:40
Hammond MS	8:05
Harper's Choice MS	8:05
Lake Elkhorn MS	8:00
Lime Kiln MS	8:25
Mayfield Woods MS	8:00
Mount View MS	7:40
Murray Hill MS	8:25
Oakland Mills MS	7:55
Patapsco MS	8:05
Patuxent Valley MS	7:40
Thomas Viaduct MS	8:10
Wilde Lake MS	8:00

KENT COUNTY

Kent County MS	8:40

MONTGOMERY COUNTY

Argyle MS	8:15
John. T. Baker MS	8:15
Benjamin Banneker MS	8:15
Briggs Chaney MS	8:15
Cabin John MS	8:15
Roberto Clemente MS	8:15
Eastern MS	8:15
William H. Farquhar MS	8:15
Forest Oaks MS	8:15
Robert Frost MS	8:15
Gaithersburg MS	8:15
Herbert Hoover MS	8:15
Francis Scott Key MS	8:15
Dr. Martin Luther King Jr. MS	8:15
Kingsview MS	8:15
Lakeland Park MS	8:15
Colonel E Brooke Lee	8:15
A. Mario Loiderman MS	8:15
Montgomery Village	8:15
Neelsville MS	8:15
Newport Mill MS	8:15
North Bethesda MS	8:15
Parkland MS	8:15
John Poole MS	8:15
Thomas W. Pyle MS	8:15
Redland MS	8:15
Ridgeview MS	8:15
Shady Grove MS	8:15
Silver Creek MS	8:15
Silver Spring International	8:15
Sligo MS	8:15

Maryland Public Schools Middle School Start Times: 2017-2018 School Year

Takoma Park MS	8:15
Tilden MS	8:15
Hallie Wells MS	8:15
Julius West MS	8:15
Westland MS	8:15
White Oak MS	8:15
Earle B. Wood MS	8:15

PRINCE GEORGE'S COUNTY

Benjamin Stoddert MS	8:30
Benjamin Tasker MS	8:30
Buck Lodge MS	8:30
Charles Carroll MS	8:30
Drew Freeman MS	7:45
Earnest E. Just MS	9:00
G. James Gholson MS	9:30
Greenbelt MS	9:00
Gwynn Park MS	7:30
Hyattsville MS	9:10
Isaac Gourdine MS	7:45
James Madison MS	9:30
Kenmoor MS	9:30
Kettering MS	7:45
Martin Luther King Jr. MS	9:10
Nicholas Orem MS	9:30
Oxon Hill MS	8:30
Stephen Decatur MS	9:30
Thomas Johnson MS	9:00
Thurgood Marshall MS	9:00
Walker Mill MS	9:30
William Wirt MS	9:00

QUEEN ANNE'S COUNTY

Centerville MS	8:50
Matapeake MS	8:00
Stevensville MS	7:40
Sudlersville MS	7:30

SOMERSET COUNTY

Somerset Intermediate	7:20

ST MARY'S COUNTY

Chesapeake Public Charter	8:03
Esperanza MS	7:10
Leonardtown MS	7:05
Margaret Brent MS	7:55
Spring Ridge MS	7:05

TALBOT COUNTY

Easton MS	7:35
St Michaels MS/HS	7:50

WASHINGTON COUNTY

Boonsboro MS	8:45
Clear Spring MS	8:40
E. Russell Hicks MS	7:30
Northern MS	7:30
Smithsburg MS	8:40
Springfield MS	7:35
Wester Heights MS	7:25

WICOMICO COUNTY

James M. Bennett MS	8:15
Mardela MS/HS	7:45
Pittsville MS	8:00
Salisbury MS	7:45
Wicomico MS	7:45

WORCESTER COUNTY

Pocomoke MS	8:10
Snow Hill MS	8:00
Steven Decatur MS	7:30

Maryland Public Schools High School Start Times: 2017-2018 School Year

The American Academy of Pediatrics recommends that middle and high schools start at 8:30 a.m. or later.

The American Medical Association, American Psychological Association, American Academy of Child & Adolescent Psychiatry, the National Association of School Nurses, the Education Commission of the States and the National PTA agree.

As detailed here, the vast majority of Maryland public high schools open well before 8:30 a.m.

Bus pick-ups starting as early as 5:15 a.m. require students to wake at hours long before what is safe, healthy, and developmentally-appropriate for their still-growing brains and bodies. Teaching sleep-deprived teens challenging academics, including AP courses, in the 7 a.m. hour is both cruel and undermining.

With such schedules, teenagers have to be in bed and *asleep* at 8 or 9 p.m. in order to get the amount of sleep they need. This just isn't possible — for biological and logistical reasons. When students oversleep and miss the bus, many wind up being extremely tardy or entirely absent from school due to having no transportation alternatives.

▪ ALLEGANY COUNTY

Mountain Ridge	7:40
Alleghany	7:40
Fort Hill	7:40
Center for Career/Technical Education	7:30

▪ ANNE ARUNDEL COUNTY*

Annapolis	7:30
Arundel	7:30
Broadneck	7:30
Chesapeake	7:30
Glen Burnie	7:30
Meade Senior	7:30
Northeast	7:30
North County	7:30
Old Mill	7:30
Phoenix Academy	7:23
Severna Park	7:30
Southern	7:30
South River	7:30
Chesapeake Science Point Charter	8:30

▪ BALTIMORE CITY

Excel Academy at Francis M. Wood	8:30
Benjamin Franklin at Masonville Cove	8:00
Claremont	9:00
Bard HS Early College	8:30
City Neighbors	9:00
Patterson	8:45
Forest Park	8:30
Wester	8:15
Northwestern	8:00
Edmondson-Westside	8:15
Baltimore Polytechnic Institute	8:15
Mergenthaler Vo-Tech	8:15
Paul Laurence Dunbar	8:15
Digital Harbor	8:00
Reginald F. Lewis	8:00
Frederick Douglass	8:00
Carver Co Tech	7:45
Baltimore City College	7:50
William S. Baer School	9:00
Friendship Acad. Engineering/Tech	8:00
Reach! Partnership School	8:45
Knowledge and Success Academy	7:45
New Hope Academy	7:15
Bluford Drew Jemison STEM Academy	8:00
Baltimore Leadership Young Women	9:00
Baltimore Collegiate School for Boys	8:30
Baltimore Design School	8:30
Baltimore School for the Arts	8:30
National Academy Foundation	8:15
New Era Academy	8:30
Vivien T. Thomas Medical Arts Academy	7:45
Acad. for College/Career Exploration	8:10
Augusta Fells Savage Inst. Visual Arts	8:15
Coppin Academy	8:00
Renaissance Academy	8:00
Career Academy	8:30
Success Academy	8:30
Youth Opportunity Academy	9:00

▪ BALTIMORE COUNTY

Catonsville	7:45
Dundalk	7:45
Chesapeake	7:45
Dulaney	7:45
Eastern Technical	7:45
Franklin	7:40
Hereford	7:40
Kenwood	7:45
Landsdowne	7:45
Loch Raven	7:45
New Town	7:45
Overlea	7:45
Owings Mills	7:45
Parkville	7:45
Patapsco	7:45
Pikesville	7:40
Perry Hall	7:45
Patapsco	7:45
Randallstown	7:25
Rosedale Center	7:00
Sollers Point Technical	7:45
Sparrows Point	7:45
Towson	7:40
Woodlawn	7:30

▪ CALVERT COUNTY

Calvert	7:40
Career and Technology Academy	7:40
Northern	7:25
Patuxent	7:25
Huntingtown	7:25

▪ CAROLINE COUNTY

Colonel Richardson	7:43
North Caroline	7:50
Caroline Career & Technology Center	7:50

▪ CARROLL COUNTY

Century	7:30
Francis Scott Key	7:30
Liberty	7:30
Manchester Valley	7:30
South Carroll	7:30
Westminister	7:30
Winters Hill	7:30
Carroll Springs	8:35
Gateway	7:30

▪ CECIL COUNTY

Perryville	7:40
North East HS	7:40
Bohemia Manor	7:45
Elkton	7:30
Cecil County School of Technology	8:00
Rising Sun	7:45

Maryland Public Schools High School Start Times: 2017-2018 School Year

CHARLES COUNTY

Henry E Lackey	7:25
La Plata	7:30
McDonough	7:30
North Point	8:05
Thomas Stones	7:30
Westlake	7:30
St Charles	7:25
Robert D. Stethem Educational Center	7:50

DORCHESTER COUNTY

Cambridge-South Dorchester	8:15
North Dorchester	7:50

FREDERICK COUNTY

Brunswick	7:30
Catoctin	7:30
Frederick	7:30
Governor Thomas Johnson	7:30
Linganore	7:30
Middletown	7:30
Oakdale	7:30
Tuscarora	7:30
Urbana	7:30
Walkersville	7:30
LYNX at Frederick	8:54

GARRETT COUNTY

Northern	8:25
Southern	8:25

HARFORD COUNTY

Aberdeen	7:30
Bel Air	7:30
C. Milton Wright	7:30
Edgewood	7:30
Fallston	7:30
Harford Technical	7:30
Harve de Grace	7:30
Joppatown	7:30
North Harford	7:30
Patterson Mill	7:30

HOWARD COUNTY

Atholton HS	7:25
Centennial HS	7:25
Glenelg HS	7:25
Hammond HS	7:25
Howard HS	7:25
Long reach HS	7:25
Marriotts Ridge HS	7:25
MT Hebron HS	7:25
Oakland Mills HS	7:25
Resevoir HS	7:25
River Hill HS	7:25
Wilde Lake HS	7:25
Applications & Research Lab	7:25

KENT COUNTY

Kent County	7:45

MONTGOMERY COUNTY

Bethesda Chevy Chase	7:45
Clarksburg	7:45
Albert Einstein	7:45
Montgomery Blair	7:45
Damascus	7:45
Gaithersburg	7:45
James Jubert Blake	7:45
Thomas Edison	7:45
Walter Johnson	7:45
Winston Churchill	7:45
John F Kennedy	7:45
Col. Zakok Magruder	7:45
Richard Montgomery	7:45
Northwest	7:45
Northwood	7:45
Paint Branch	7:45
Poolesville	7:45
Quince Orchard	7:45
Rockville	7:45
Seneca Valley	7:45
Sherwood	7:45
Springbook	7:45
Watkins Mill	7:45
Wheaton	7:45
Walt Whitman	7:45
Thomas S. Wooton	7:45

PRINCE GEORGE'S COUNTY

Academy of Health Science PGCCC	9:30
Annapolis Road Alternative	9:30
Bladensburg	9:30
Bowie	7:45
Central	7:45
Charles Flowers	7:45
Croom Vocational	9:30
Crossland	7:45
Dr. Henry A. Wise, Jr	9:00
Duval	8:30
Eleanor Roosevelt	8:40
Fairmont Heights	8:30
Frederick Douglass	7:45
Friendly	7:45
Green Valley Alternative	9:30
Gwynn Park	7:45
High Point	8:45
Largo	7:45
Laurel	7:45
Northwestern	8:30
Oxon Hill	9:30
Parkdale	7:45
Potomac	7:45
Suitland	8:30
Surrattsville	7:45
Tall Oaks	9:30

QUEEN ANNE'S COUNTY

Queen Anne's County	7:35
Kent Island	8:00

SOMERSET COUNTY

Washington	7:30
Crisfield	7:30

ST MARY'S COUNTY

Chopticon	8:00
Great Mills	8:00
Leonardtown	8:00

TALBOT COUNTY

Easton	7:45
St Michaels	7:50

WASHINGTON COUNTY

Barbara Ingram School for the Arts	9:05
Boonsboro	8:45
Clear Spring	8:42
Hancock	8:45
North Hagerstown	8:45
Smithsburg	8:42
South Hagerstown	8:45
Washington County Technical	9:00
Williamsport	8:45

WICOMICO COUNTY

James M. Bennett	7:45
Mardela MS/HS	7:45
Parkside	7:45
Wicomico	7:45

WORCESTER COUNTY

Pocomoke	8:00
Snow Hill	8:07
Steven Decatur	8:00

Nonpartisan Education Blog

nonpartisaneducation.org

Fewer Students Learning Arithmetic and Algebra

Posted on 15 October, 2017 by Jerome Dancis

by Jerome Dancis

This summer, I obtained the college remediation data for my state of Maryland. Well just 2014, the latest available. So BCC i.e. before Common Core became the state tests in Maryland.

Does anyone know of similar data for other states?

Fewer Students Learning Arithmetic and Algebra

Analysis based on data by Maryland Higher Education Commission's (MHEC) Student Outcome and Achievement Report (SOAR).

The data for my state of Maryland (MD) is: (This data may be typical for many of the 45 states, which adapted the NCTM Standards.)

Decline in Percent of Freshmen Entering Colleges in Maryland, Who Knew Arithmetic and Real High School Algebra I.

	1998	2005	2006	2014
Whites	67%	60%	58%	64%
African-Americans	44%	33%	36%	37%
Hispanics	56%	42%	43%	44%

See my [Univ. of Maryland] Faculty Voice article,

"More Remedial Math [at MD Colleges]? [YES]"

scroll down to bottom of Page 1

Caveat. This data describes only those graduates of Maryland high schools in 1998, 2005, 2006 and 2014, who entered a college in Maryland the same year.

Related Data. From 1998 to 2005, the number of white graduates increased by 11% (from 14,473 to 16,127), but the number who knew arithmetic and high school algebra I decreased (from 9703 to 9619) (as determined by college placement tests).

Similarly, from 1998 to 2005, the number of African-American graduates who were minimally ready for college Math went down in spite of increased college enrollments of females by 21% and males by 31%.

One of the likely causes for the downturn: High school Algebra I used to be the Algebra course colleges expected. Under the specter of the MD School Assessments (MSAs) and High School Assessments (HSAs), school administrators have been bending the instructional programs out of shape in order to teach to the state tests. The MSAs on math and the MD Voluntary Math Curriculum marginalizes Arithmetic, thereby not allocating sufficient time for too many students to learn Arithmetic. Arithmetic lessons were largely Arithmetic with calculator. The MD HSA on Algebra was Algebra with graphing calculator. The MD HSA on Algebra avoided the arithmetic and arithmetic-based Algebra students would need in college, such as knowing that $3x + 2x = 5x$ and knowing $9 \times 8 = 72$. I nick-named it The MD HSA on "Pretend Algebra".

This entry was posted in College prep, Common Core, Curriculum & Instruction, Jerome Dancis, K-12, Mathematics, Uncategorized. Bookmark the permalink.

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To: Maryland State Board of Education Meeting
Action: Adoption
Title: COMAR 13A.04.16 Programs in Fine Arts
Date: Tuesday October 24, 2017
Position: Support & Thank You

President Smarick, members of the Board, Dr. Salmon,

We are delighted to be here today—this is the culmination of many years of work. Mary Ann Mears personal involvement began almost 30 years ago when she was the founder of AEMS-- Arts Education in Maryland Schools Alliance which was initiated as a partnership between MSDE and the MSAC joined by many other entities including institutions of higher education, school system leadership, arts organizations and others.

We are here to tell you that the revisions to the Fine Arts Standards and COMAR presented today are the result of collaborative work that included input from all 24 LEA's. AEMS continues to work closely with all of these partners—through our work we know that there is support and enthusiasm for these revisions.

In 1995, this Board established the goal for the arts that *100% of Maryland students shall have the opportunity to participate in arts education programs that enable them to meet state standards in the arts.* As a result, the Board established a Task Force to create a strategic plan. From the beginning the focus was on quality of instruction and equity of access.

In 1997, the Fine Arts Education Advisory Panel was formed to support achievement of the goal through implementation of the strategic plan the Board had approved. Over the years, MSDE, the panel, AEMS and our local systems have worked very hard to increase the quality of arts education programs across the state, through professional development, developing community resources, and establishing standards and best practices. We have partnered with neuroscientists at Johns Hopkins to better understand how our brains are hard wired for the arts and thereby improve learning in and through the arts. The Maryland arts education community is a leader in exploring and capturing the ways that arts education enhances 21st century skills—especially creativity. Bottom line, Maryland arts educators know how to do this work very well.

Equity of access is the major challenge that continues to concern us.

During the time that Mary Ann co-chaired the Governor's P20 Leadership Council Task Force on Arts Education in Maryland Schools with Dr. Jack Smith, we did a lot of research including surveys, regional public forums, and collecting data from systems. While we were unable to get completely reliable school by school data, it was very clear that there were considerable inequities among districts and within districts.

Our Task Force recommendations address this inequity in a number of ways. Please note that all 10 recommendations are being implemented through partnership efforts among MSDE, local school systems, higher education and AEMS.

Three of the recommendations are being fulfilled through your action today in adopting COMAR 13A.04.16 Programs in Fine Arts. The amended language clarifies more specifically what is expected for each child in terms of arts instruction fulfilling Recommendation A. Further, the amendment includes updating Maryland standards in dance, media arts, music, theatre and visual arts. The new standards are aligned with the National Core Arts Standards, literacy standards and 21st century capacities such as communication, critical thinking, and creativity which are all vital for success in college and careers, particularly those that require innovation, collaboration, and resilience. This fulfills Recommendation D.

In order to monitor and ensure progress, Recommendation B established that MSDE publish school by school data on arts programs. This is already happening, and AEMS is in the process of developing a highly accessible platform for the data so that it will be even more useful.   In 2008 when we began to envision what is now before you, Dr. Kevin Maxwell pointed out that Superintendents need this information to do their jobs.

This new COMAR language provides for the role of the Fine Arts Education Advisory Panel in helping MSDE monitor and provide guidance to systems as they build their arts education portfolios, developing the programs for our students that will greatly expand their opportunities for successful and meaningful lives.

Recently, AEMS Trustees, Martin Knott, and Mary Ann Mears testified before the Kirwan Commission making the point that adequate funding for education should include funds for arts education so that schools can be in compliance with COMAR regardless of the socio-economic level of the students' families. We were very pleased that the Commission asked us to supply information on the staffing levels necessary to ensure that students receive the sequential curriculum based instruction that will enable them to meet state standards. We have submitted that information.

Arts Education in Maryland Schools Alliance

There are so many wonderful people who have contributed to this work over the years; we are in their debt. The collaborative work of these and more outstanding arts educators, administrators, organization leaders and advocates from across the state along with MSDE will result in the fulfillment of the recommendations from the Task Force report and the achievement of the State Board's goal for arts education.

We thank the MSDE staff and the members of the State Board who have been committed to equity of access for all students to high quality arts instruction-- no matter where they live.

Thank you very much.

Mary Ann Mears, Sculptor, Founder and Trustee Arts Education in Maryland Schools (AEMS) Alliance, Co-Chair, Governor's P-20 Leadership Council Task Force on Arts Education in Maryland Schools

Lori Snyder, Executive Director Arts Education in Maryland Schools Alliance