

## Fastest growing occupations

**Table 1.3 Fastest growing occupations, 2012 and projected 2022**  
(Numbers in thousands)

2012 National Employment Matrix title and code		Employment		Change, 2012— 22		Median annual wage, 2012 (1)
		2012	2022	Number	Percent	
<b>Total, All Occupations</b>	00- 0000	145,355.8	160,983.7	15,628.0	10.8	\$34,750
<b>Industrial- organizational psychologists</b>	19- 3032	1.6	2.5	0.9	53.4	\$83,580
<b>Personal care aides</b>	39- 9021	1,190.6	1,771.4	580.8	48.8	\$19,910
<b>Home health aides</b>	31- 1011	875.1	1,299.3	424.2	48.5	\$20,820
<b>Insulation workers, mechanical</b>	47- 2132	28.9	42.4	13.5	46.7	\$39,170
<b>Interpreters and translators</b>	27- 3091	63.6	92.9	29.3	46.1	\$45,430
<b>Diagnostic medical sonographers</b>	29- 2032	58.8	85.9	27.0	46.0	\$65,860
<b>Helpers-- brickmasons, blockmasons, stonemasons, and tile and marble setters</b>	47- 3011	24.4	34.9	10.5	43.0	\$28,220
<b>Occupational therapy assistants</b>	31- 2011	30.3	43.2	12.9	42.6	\$53,240
<b>Genetic counselors</b>	29- 9092	2.1	3.0	0.9	41.2	\$56,800
<b>Physical therapist assistants</b>	31- 2021	71.4	100.7	29.3	41.0	\$52,160
<b>Physical therapist aides</b>	31- 2022	50.0	70.1	20.1	40.1	\$23,880

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<b>Skincare specialists</b>	39-5094	44.4	62.0	17.7	39.8	\$28,640
<b>Physician assistants</b>	29-1071	86.7	120.0	33.3	38.4	\$90,930
<b>Segmental pavers</b>	47-4091	1.8	2.4	0.7	38.1	\$33,720
<b>Helpers--electricians</b>	47-3013	60.8	83.3	22.4	36.9	\$27,670
<b>Information security analysts</b>	15-1122	75.1	102.5	27.4	36.5	\$86,170
<b>Occupational therapy aides</b>	31-2012	8.4	11.4	3.0	36.2	\$26,850
<b>Health specialties teachers, postsecondary</b>	25-1071	190.0	258.6	68.6	36.1	\$81,140
<b>Medical secretaries</b>	43-6013	525.6	714.9	189.2	36.0	\$31,350
<b>Physical therapists</b>	29-1123	204.2	277.7	73.5	36.0	\$79,860
<b>Orthotists and prosthetists</b>	29-2091	8.5	11.5	3.0	35.5	\$62,670
<b>Brickmasons and blockmasons</b>	47-2021	71.0	96.2	25.2	35.5	\$46,440
<b>Nursing instructors and teachers, postsecondary</b>	25-1072	67.8	91.8	24.0	35.4	\$64,850
<b>Nurse practitioners</b>	29-1171	110.2	147.3	37.1	33.7	\$89,960
<b>Audiologists</b>	29-1181	13.0	17.3	4.3	33.6	\$69,720
<b>Dental hygienists</b>	29-2021	192.8	256.9	64.2	33.3	\$70,210
<b>Meeting, convention, and event planners</b>	13-1121	94.2	125.4	31.3	33.2	\$45,810
<b>Therapists, all other</b>	29-1129	28.8	37.9	9.1	31.7	\$53,210
<b>Market research</b>	13-1161	415.7	547.2	131.5	31.6	\$60,300

<b>analysts and marketing specialists</b>						
<b>Substance abuse and behavioral disorder counselors</b>	21-1011	89.6	117.7	28.2	31.4	\$38,520
<b>Footnotes:</b> <sup>1</sup> Data are from the Occupational Employment Statistics program, U.S. Department of Labor, U.S. Bureau of Labor Statistics.  Source: Employment Projections program, U.S. Department of Labor, U.S. Bureau of Labor Statistics						



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<p><b>Nemours Health and Prevention Services</b> (NHPS) <i>Webinars, workshops, projects,</i> <i>5-2-1-Almost None Formula</i></p> <p><b>Dave Nichols</b> Manager Capacity and Knowledge Development Phone: (302) 444-9066 Fax: (302) 444-9197 <a href="mailto:david.nichols@nemours.org">david.nichols@nemours.org</a></p>	<p><b>Delaware Department of Education Career and Technical Education Curriculum Guidance</b> <b>Dr. Karen Hutchison</b> Interim Director, Career &amp; Technical Education Phone: (302) 857-3320 <a href="mailto:Karen.hutchison@doe.k12.de.us">Karen.hutchison@doe.k12.de.us</a></p> <p><b>Peggy Enslen, RN, Ed.D.</b> <b>Delaware Department of Ed.</b> Education Associate, Health Sciences Phone: (302) 857-3339 <a href="mailto:Peggy.enslen@doe.k12.de.us">Peggy.enslen@doe.k12.de.us</a></p> <p><b>Michael Fitzgerald</b> <b>Delaware Department of Ed.</b> <i>Curriculum Guidance</i> Education Associate, Technology Education <b>Engineering by Design</b> Phone: (302) 857-3334 <a href="mailto:Mike.fitzgerald@doe.k12.de.us">Mike.fitzgerald@doe.k12.de.us</a></p> <p><b>Lisa Stoner-Torbert</b> <b>Delaware Department of Ed.</b> <i>Curriculum Guidance</i> Education Associate, Business and Marketing Phone: (302) 857-3322 <a href="mailto:Lisa.stoner@doe.k12.de.us">Lisa.stoner@doe.k12.de.us</a></p> <p><b>Melvin D'Souza, Ph.D.</b> <b>Delaware Department of Ed.</b> Education Associate, Data Analysis Phone: (302) 857-3324 <a href="mailto:Melvin.dsouza@doe.k12.de.us">Melvin.dsouza@doe.k12.de.us</a></p> <p><b>Allan R. Coletta, Director</b> Engineering and Facilities <b>Siemens</b> <a href="mailto:allan.r.coletta@siemens.com">allan.r.coletta@siemens.com</a></p>	<p><b>Wilmington Police and Athletic League</b> <i>Building Location, Founding Board Meeting Location, Community Athletics and Education Center</i> <b>Wilbert "Bunny" Miller</b> Executive Director Phone: (302) 764-6170 <a href="mailto:wbunman@aol.com">wbunman@aol.com</a></p> <p><b>Michael Ramone</b> <b>State Representative (R)</b> <i>Community Liaison for Founding Board and Meeting</i> Phone: (302) 744-4108 Fax: (302) 739-2773 <a href="mailto:Michael.Ramone@state.de.us">Michael.Ramone@state.de.us</a> or <a href="mailto:miker@freestyles.com">miker@freestyles.com</a></p> <p><b>News-Journal Paper</b> <b>Matthew Albright</b> <i>Paper Editor for Town Hall, School Fund raiser Activities, and Parent Meetings</i> Phone: (302) 324-2500 <a href="mailto:mallbright@wilmington.gannett.com">mallbright@wilmington.gannett.com</a></p> <p><b>Newark Post</b> <b>Josh Shannon</b> <i>Paper Editor for Town Hall, School Fund raiser Activities, and Parent Meetings</i> Phone: (302) 737-0724 Fax: (302) 737-9019 <a href="mailto:news@newarkpostonline.com">news@newarkpostonline.com</a></p> <p><b>Hockessin Community Newspaper</b> <b>Ben Mace</b> <i>Paper Editor for Town Hall, School Fund raiser Activities, and Parent Meetings</i> Phone: (302) 378-9531 <a href="mailto:ben.mace@doverpost.com">ben.mace@doverpost.com</a></p> <p><b>Delaware Black.com, LLC</b> The Pulse of Urban Delaware <i>Publicity and Marketing</i> <b>Joseph Young</b> President Phone: 302-250-4425 <a href="mailto:info@delawareblack.com">info@delawareblack.com</a></p>	<p><b>E. Wayne Harris Ed.D., LLC</b> School startup, Strategic Planning and Leadership Support</p> <p><b>Robert Anderson, Sr.</b> Bridge to Achievement, LLC PBL Professional Development, Effective Classroom Organization, Promoting Leadership and Vision Phone: (302) 562-3421 <a href="mailto:andersonandyr@yahoo.com">andersonandyr@yahoo.com</a></p> <p><b>Elijah Wilson</b> A&amp;E Business Solutions Financial and Operational Management Services Phone: (302) 399-6546 <a href="mailto:ewilson_mta@yahoo.com">ewilson_mta@yahoo.com</a></p> <p><b>Timothy Elmer</b> Technology Education Teacher Caesar Rodney High School <a href="mailto:Timothy.elmer@cr.k12.de.us">Timothy.elmer@cr.k12.de.us</a></p>

		<p><b>Channel 28</b>  <b>Maurice Pritchett</b>  <b>Pritchett Associates</b>  Phone: (302) 275-1746  <a href="mailto:pritchettm@gmail.com">pritchettm@gmail.com</a>  <a href="http://pritchettmassociates.com/">http://pritchettmassociates.com/</a></p> <p><b>Seeds of Greatness</b>  <b>Rev. Jerome L. Lewis</b>  Phone: (302) 324-8050  Fax: (302) 324-8073  <a href="mailto:contact@seedsofgreatness.org">contact@seedsofgreatness.org</a>  <a href="http://www.sogm.org">www.sogm.org</a></p> <p><b>Canaan Baptist Church</b>  <b>Rev. Dr. Christopher A. Bullock</b>  Phone: (302) 654-8818  Fax: (302) 654-8819  <a href="http://www.canaanbc.org">www.canaanbc.org</a></p> <p><b>Bible Fellowship Church</b>  Pastor Bill Schlonecker  Phone: (302) 324-5400  <a href="mailto:Schlonwg@aol.com">Schlonwg@aol.com</a></p> <p><b>Victory Christian Fellowship Church</b>  Pastor Gregory Jones, Associate  Phone: 324-5400  <a href="mailto:Info@victoryexperience.com">Info@victoryexperience.com</a></p>	
<p><b>Christiana Health Care Systems -- Center for Community Health</b>  <i>Summer Internships</i>  <b>Christopher Moore</b>  Program Manager Adolescent Health  Phone: (302) 428-6589</p>	<p><b>Wilmington University</b>  <i>Early College</i>  <b>Michael S. Czarkowski, Ed.D</b>  Director, EdD &amp; Program Chair, Education Leadership  College of Education-Doctoral  <a href="mailto:michael.s.czarkowski@wilmu.edu">michael.s.czarkowski@wilmu.edu</a>  Phone: (302) 295-1124</p>	<p><b>Boys &amp; Girls Clubs of DE</b>  <i>Internships and Projects</i>  <b>Martha Carper</b>  Chairman of the Board and  <b>Anthony O. Boswell</b>  Executive Vice President &amp; COO  Boys &amp; Girls Clubs of Delaware, Inc.  Phone: (302) 661-6464  <a href="mailto:aboswell@bgclubs.org">aboswell@bgclubs.org</a></p>	<p><b>Charles A. Harris, Jr.</b>  Social Services Administrator/  <b>AmeriCorps Program Director</b>  Serve Delaware  Governor's Commission on Community and Volunteer Service  Phone Office: (302) 255-9881  Fax: (302) 255-4462 Fax  <a href="mailto:Charles.A.Harris@state.de.us">Charles.A.Harris@state.de.us</a></p>
<p><b>AstraZeneca Corporation</b>  IM40 Young Health Program  <b>Tyrone Jones, Director</b>  <a href="http://www.im40.org">www.im40.org</a></p>	<p><b>Namaste Charter School in Chicago</b>  <i>Health and Wellness Model Curriculum</i>  <b>Allison Slade</b>  Principal and Co-Founder  3737 S. Paulina St., Chicago, IL 60609  Phone: (773) 715-9558  </p>	<p><b>Shiloh Baptist Church</b>  <i>Parent Resource Center Resource</i>  <b>Rev. Dr. Clifford I. Johnson Pastor</b>  Shiloh Baptist Church  215 West 23rd Street  Wilmington, DE 19802  Phone: (302) 655-5315  Fax: (302) 655-9704</p>	<p><b>Jim Sheehan</b>  <b>Studica Inc.</b>  Fischertechnik-STEM-Lab-Program  Grant Funding Opportunity – Robotics  Uniting Technology with Education  Phone: 888.561.7521 Ext. 208  Fax: 877.754.2807  <a href="mailto:jims@studica.com">jims@studica.com</a></p>



LEAN Tech Academy

Appendix 2

Section 1.1

	<a href="mailto:info@namastecharterschool.org">info@namastecharterschool.org</a> <a href="http://www.namastecharterschool.org">www.namastecharterschool.org</a>		
<b>United Way of DE</b> <b>Rev. John Moore, Sr., Vice</b> President Resource Development <a href="mailto:jmoore@uwde.org">jmoore@uwde.org</a>	Project Lead the Way <b>PLTW</b> <i>National provider of (STEM) programs</i> <i>Engineering and Biomedical Science Curriculum</i> Toll Free: (877) 335-PLTW (7589) Local: (317) 669-0200 Fax: (317) 663-8296 <a href="mailto:schoolrelations2@pltw.org">schoolrelations2@pltw.org</a> <a href="http://www.pltw.org">www.pltw.org</a>	<b>Theodore Gregory, President</b> Wilmington City Council Municipal Guidance  <b>Subria Ibrahim</b> <b>City of Wilmington</b> <b>First Neighborhood Planning</b> Council President 1 <sup>st</sup> district Phone: (302) 762- 0314 <a href="mailto:Subria.npc@gmail.com">Subria.npc@gmail.com</a> (planning council email)	
<b>Black Achievers' Program</b> <b>Clare Carey, Director</b> <b>Walnut Street</b> <b>YMCA/Resource Center</b> Address: 1000 North Walnut Street Wilmington, DE 19801 Phone: 302-472-9622 Fax: 302-571-6949	<b>The California Center for College and Career Connected</b> <i>Health Sciences Curriculum</i> Phone: (510) 849-4945 Fax: (510) 841-1076 <a href="mailto:Info@ConnectEdCalifornia.org">Info@ConnectEdCalifornia.org</a> <a href="http://connectedcalifornia.org/">http://connectedcalifornia.org/</a>	<b>Thomas Edison Charter School and Family Foundations Academy</b> All K-8 schools in NCC will be presented with the same opportunities LTA School Proposal; Parent Surveys	
	<b>Cleveland Metropolitan School District's MC<sup>2</sup> STEM</b> High School <b>STEM Model</b> Jeffrey D. McClellan Principal Phone: (216) 838-8500 Fax: (216) 592-6879 <a href="http://www.clevelandmetroschools.org">http://www.clevelandmetroschools.org</a>	<b>Mt. Zion UAME Church</b> Rev. William A. Sims, Jr., Pastor 100 New London Road Newark, DE 19711 (302) 737-9827	<b>Action for Healthy Kids</b> Health Literature/Research <a href="http://www.actionforhealthykids.org">www.actionforhealthykids.org</a>
	<b>University of Delaware</b> Mathematics & Science Education Resource Center Phone: (302) 831-4447 <a href="mailto:uofdmserc@udel.edu">uofdmserc@udel.edu</a> <a href="http://www.mserc.udel.edu/">http://www.mserc.udel.edu/</a>	<b>St. Johns Church</b> Rev. Blaine Hackett, Pastor 77 New London Road Newark, DE 19711 (302) 454-7269	<b>Let's Move&gt; Active Schools</b> BOKS Training (Reebok World) grants and resources "An Active School incorporates physical activity before, during, and after school for 60 minutes each day" <a href="http://www.letsmoveschools.org/">http://www.letsmoveschools.org/</a>
	<b>University of Delaware</b> Jenni Buckley, PhD Assistant Professor Dept. Mechanical Engineering <b>PLTW State of DE Coordinator</b>	<b>Simpson United Methodist Church</b> Rev. Lester Justice, Pastor 907 Centerville Road Wilmington DE (302) 998-4222	<b>Forum to Advance Minorities in Engineering</b> Summer Enrichment; Science Projects <a href="http://www.famedelaware.org">www.famedelaware.org</a>

LEAN Tech Academy

Appendix 2

Section 1.1

	Phone: (302) 831-3460 (office) jbuckley@udel.edu		
	<b>University of Delaware</b> Michael L. Vaughn, PhD Associate Dean College of Engineering Phone: (302) 831-3460 vaughan@udel.edu		JET Summer 2-week Entrepreneurship Day Camp; JET After School Entrepreneurship Training Developing a Business Plan Delaware State University – Business Enterprise Program Entrepreneurship Training <a href="http://www.desu.edu/youth-entrepreneurs-training-jet-program">http://www.desu.edu/youth-entrepreneurs-training-jet program</a>
	<b>Wilmington University</b> <b>Stephanie Lobiondo</b> <b>Chair, School Counseling Graduate Program</b> Assistant Professor College of Education Phone: (302)342-8634 Fax: (302)734-1331 <a href="mailto:stephanie.l.lobiondo@wilmu.edu">stephanie.l.lobiondo@wilmu.edu</a>		<b>National Alliance of Public Charter Schools</b> Leadership, Annual Conferences, Staff Development <a href="http://www.publiccharters.org">www.publiccharters.org</a>
	<b>Association of Supervision and Curriculum Development (ASCD) and Centers for Disease and Control (CDC)</b> <b>Klea Scharberg</b> Whole School, Whole Child, Whole Community (WSCC) a framework for health and learning. Phone: (703) 575-5616 <a href="mailto:kscharbe@ascd.org">kscharbe@ascd.org</a> <a href="http://www.ascd.org/programs/learning-and-health.aspx">www.ascd.org/programs/learning-and-health.aspx</a>		Achievers Academy Mentoring Program <b>Pastor David Pope, Coordinator</b> Character and Leadership Development and College Tours Phone: (267) 992-1424 <a href="mailto:newlifepastor@comcast.net">newlifepastor@comcast.net</a>
			<b>Delaware Charter School Network</b> <b>Kendall Massett</b> Executive Director Charter School Guidance <b>Phone: (302) 778-5999</b> <b>kendallm@decharternetwork.org</b> <b>Email: info@decharternetwork.org</b> <a href="http://www.decharternetwork.org">www.decharternetwork.org</a>
	<b>Delaware STEM Council</b> <b>Daniel Suchenski MBA, LEED AP, cSBA, GAC</b> Owner and Founder of KCX Consulting Management & Sustainability Consultancy <a href="http://www.linkedin.com/in/dansuchenski">www.linkedin.com/in/dansuchenski</a> <a href="http://kcxconsulting.com/">http://kcxconsulting.com/</a> <a href="mailto:dan.suchenski@gmail.com">dan.suchenski@gmail.com</a>		

	<p><b>Delaware Technical and Community College</b> Curriculum for Post-Secondary Programs <b>WorkForce Program</b> <b>Paul T. Morris, Jr.</b> Director of Corporate &amp; Community Programs Stanton/Wilmington Campus Delaware Technical Community College 302-571-5301 (Wilmington) 302-453-3096 (Stanton)</p>		
	<p><b>Connecting Generations</b> Creative Mentoring <b>Brian Gaerity, Executive Director</b> Phone: (302) 302-656-2122 <a href="http://www.connecting-generations.org/hone">www.connecting-generations.org/hone</a>:</p>		
	<p><b>Connecting Generations</b> <a href="http://www.connecting-generations.org/02.656.302.656.2122">http://www.connecting-generations.org/02.656.302.656.2122</a> 2122</p>		
	<p><b>American Society for Engineering Education (ASEE)</b> Phone: (202) 331-3500 <a href="http://www.asee.org/">http://www.asee.org/</a></p>		





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### Adolescent and School Health

#### Obese Youth Over Time

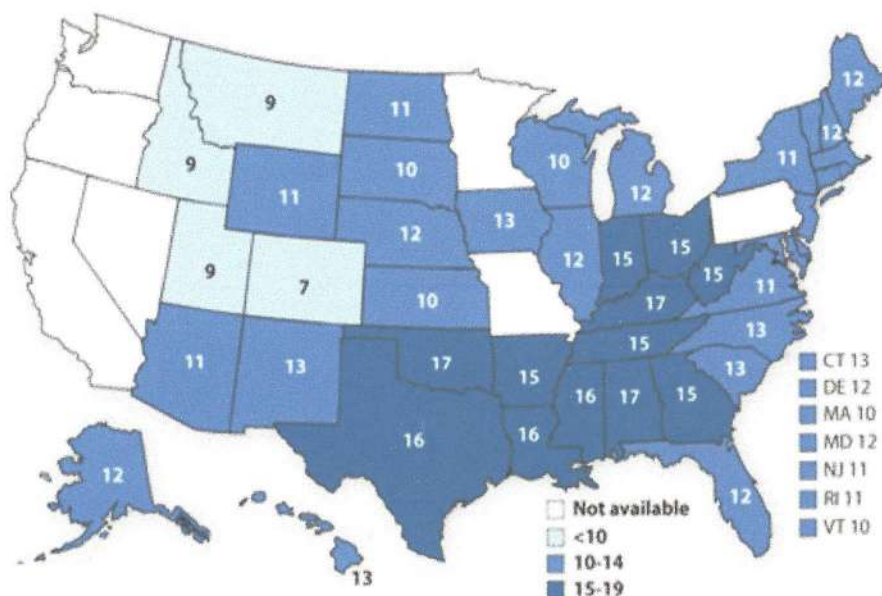
2011, 2009, 2007, 2005, and 2003

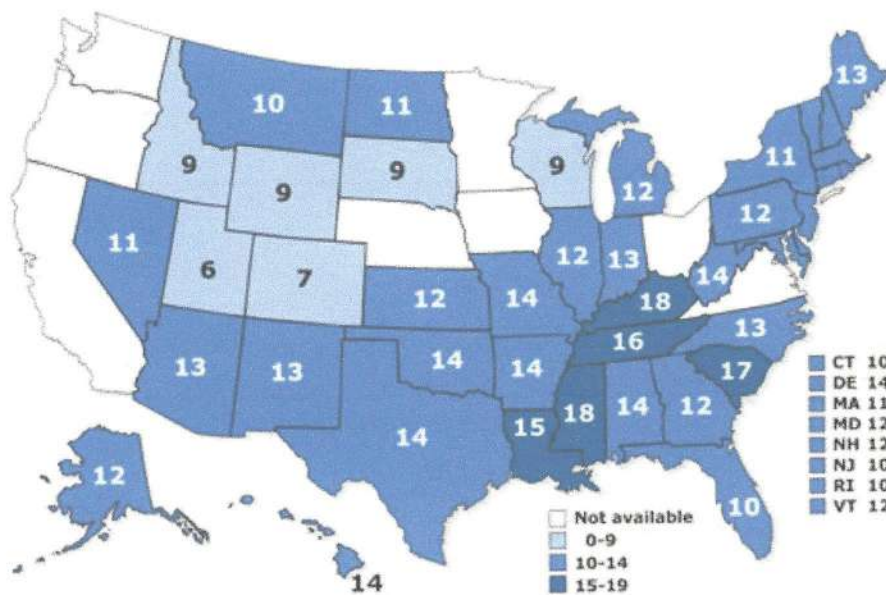
#### Percentage of high school students who were obese\* — selected U.S. states, Youth Risk Behavior Survey, 2011

A text version of this map is available.

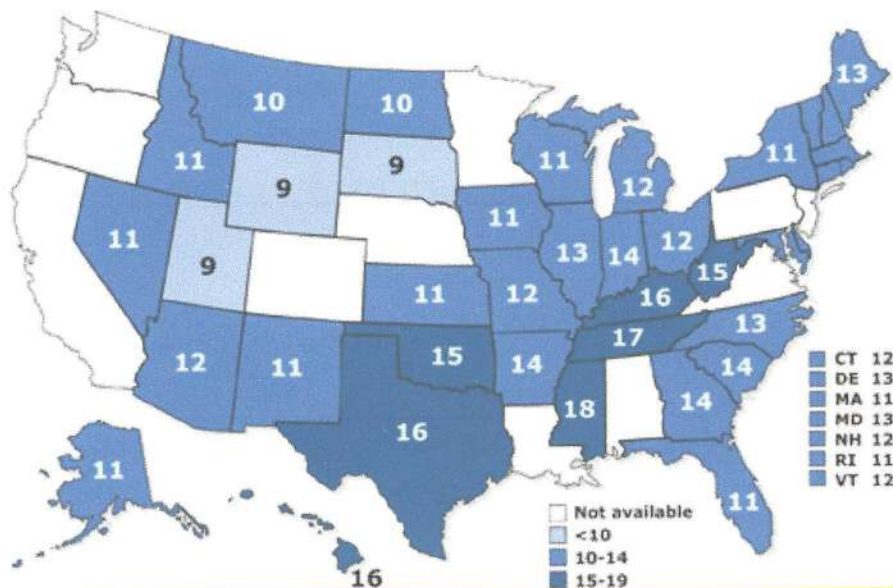
#### Percentage of high school students who were obese\* — selected U.S. states, Youth Risk Behavior Survey, 2009

A text version of this map is available.

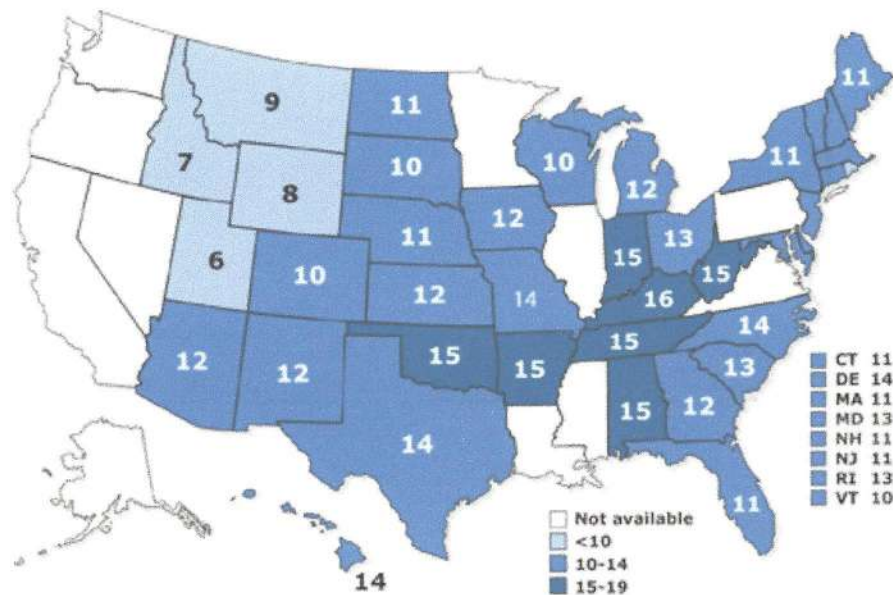




**Percentage of high school students who were obese\* — selected U.S. states, Youth Risk Behavior Survey, 2007**  
A text version of this map is available.

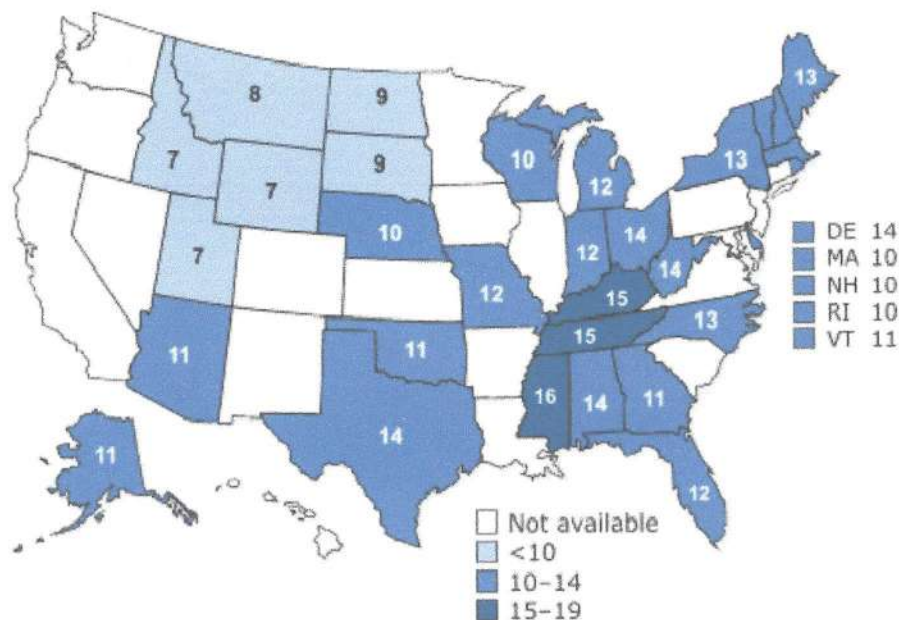


A text version of this map is available.



A text version of this map is available.





\* Previous YRBS reports used the terms "overweight" to describe those youth with a BMI  $\geq$  to 95th percentile for age and sex and "at risk for overweight" for those with a BMI  $\geq$  85th percentile and  $<$  95th percentile. However, this report uses the terms "obese" and "overweight" in accordance with the 2007 recommendations from the Expert Committee on the Assessment, Prevention, and Treatment of Child and Adolescent Overweight and Obesity convened by the American Medical Association (AMA) and cofunded by AMA in collaboration with the Health Resources and Services.

# VITAL SIGNS

## DELAWARE



**Business leaders in Delaware have sounded an alarm.** They cannot find the science, technology, engineering and mathematics (STEM) talent they need to stay competitive. Students' lagging performance in K-12 is a critical reason why.

To address this challenge, Delaware is raising the bar. The state has joined 44 others in adopting high math standards for K-12 — the Common Core State Standards — and is working with other states to create rigorous assessments aligned to those standards. These are promising steps, but the state must do more to succeed amid profound political, practical and financial challenges.

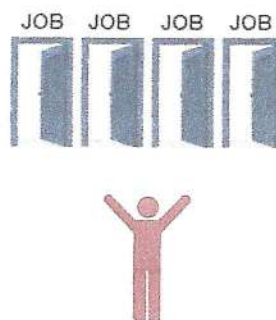
Delaware needs to ensure that schools and students have opportunities to meet a higher bar. Not enough students—least of all minorities—get the chance to learn rich and challenging content that prepares them for college and careers, and the state spends millions of dollars to put more than half of its entering community college students through remediation in math. Yet the state also shows strengths in science: Elementary students spend more time on science than their peers in other states do, and eighth graders are more likely to conduct hands-on investigations.

The state receives less bang for its buck than many other states do. Smart investments will be critical as business leaders work with educators and state leaders to tackle new reforms in lean times.

### STEM SKILLS ARE IN DEMAND

In Delaware, STEM skills have stayed in demand even through the economic downturn.

**STEM:**  
3.8 jobs for every  
1 unemployed person



**Non-STEM:**  
1.7 unemployed  
people for every 1 job



## CAN DELAWARE MEET THE DEMAND FOR STEM SKILLS?

Students have made real academic strides in most states, but no state is on track to getting all students the STEM skills they need to succeed in college and career. Low-income and minority students lag farthest behind.

### Students have improved in math

Eighth graders in Delaware have made gains on the National Assessment of Educational Progress (NAEP), also known as "the nation's report card." Yet most still have far to go to reach a score of 299, NAEP's cutoff for "Proficient" performance.

#### 8th Grade NAEP scale scores, 2003 & 2013

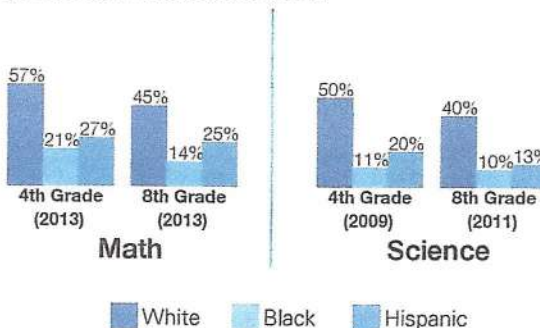
	NAEP Scale Score		Change Since 2003	
	2003	2013	DE	Most Improved State
All	277	283	+6	+22 (DC)
Low Income	261	270	+9	+22 (DC,NJ)
White	287	294	+7	+18 (HI)
Black	260	266	+6	+21 (DC,NJ)
Hispanic	257	274	+17	+22 (MA)

Totals may not sum due to rounding errors.

### Closing achievement gaps must remain a priority

No state has closed the persistent achievement gaps among racial and ethnic groups.

#### Percentage of Delaware students scoring at or above proficient in math and science



§ State did not participate in 4th grade science test.

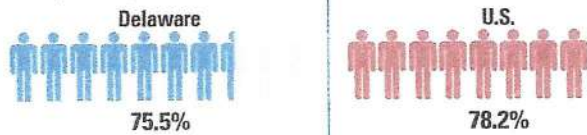
\* Data not available or reporting requirements not met.

For the complete state report, methodology, and sources, visit [changetheequation.org/stem-vital-signs](http://changetheequation.org/stem-vital-signs).



## Delaware must plug gaps in the STEM pipeline

What percentage of high school students graduate? (2010-2011)



Of students who enter a two-year degree program, what percentage graduate? (2009)



Of students who enter a four-year degree program, what percentage graduate? (2009)



What percentage of college degrees and certificates are in STEM fields? (2011-12)



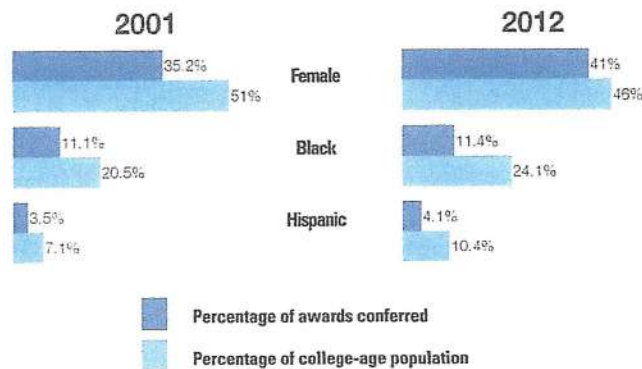
## No student should need remediation

54% of Delaware's first-time community college students need remediation in math, which costs the state \$3,342,861 each year.

## Women and minorities are too critical a resource to remain untapped

Women and minorities are a very large share of the population, but they earn a small share of STEM degrees and certificates.

Percentage of degrees/certificates conferred in STEM fields in Delaware



## WILL DELAWARE STAND FIRM ON HIGH EXPECTATIONS?

Setting high expectations is a critical step toward raising student performance in STEM.

### Delaware is showing a commitment to high expectations

Delaware has joined 44 other states in adopting Common Core State Standards in math. Delaware is also working with other states on common math tests to gauge students' mastery of those standards.

### Common standards and tests in math could be a game changer

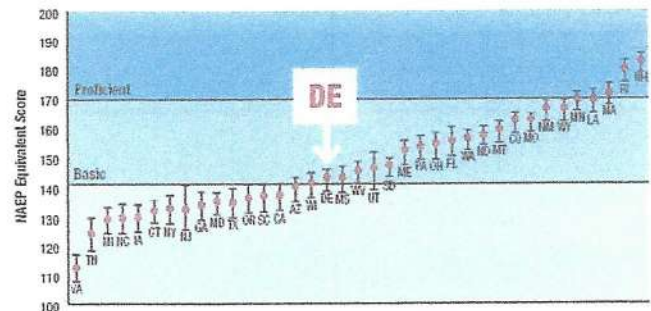
As states adopt common tests aligned to the Common Core, they also will have to set a common high passing score or threaten the credibility of the entire common standards enterprise. As the bar goes up, the rate of the Delaware's students passing may plummet. Delaware leaders will have to stand strong on high expectations, even in the face of pressure to back down.

### Science is the next frontier for better standards and higher expectations

Twenty-six states, including Delaware, are collaborating on common, "Next Generation" content standards in science, which they aim to complete in 2013. If these standards meet a high bar, Delaware should adopt them or standards as rigorous.

Delaware should also raise the bar on its 8th-grade science test. In 2009, the state's passing score on that exam was near NAEP's bar for "Basic" performance.

### NAEP scale equivalents of grade 8 science standards for proficient performance, by state, 2009





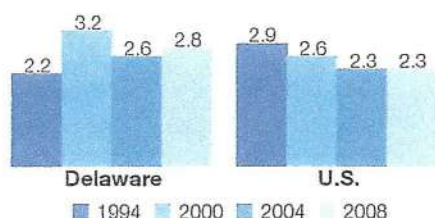
## ARE STUDENTS EXPOSED TO CHALLENGING AND ENGAGING CONTENT?

Lack of access to such content severely limits young people's college and career prospects.

### Building a strong foundation in science takes time

Time for science in Delaware has risen since 1994.

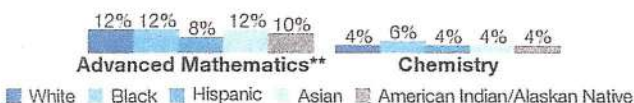
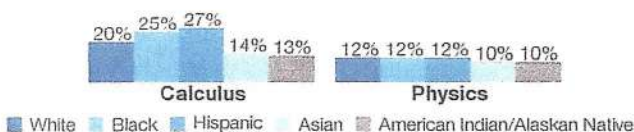
Hours per week spent on science in grades 1–4, 1994–2008



### Students of all backgrounds need access to challenging math and science courses

Many minority students lack access to such courses.

Percentage of students in schools that do not offer challenging math and science courses, by race/ethnicity, 2009



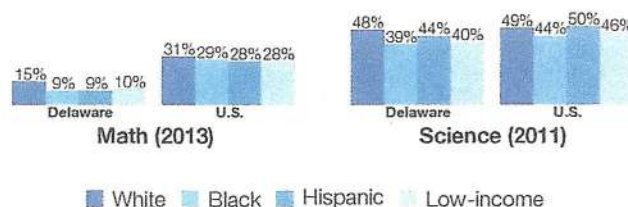
\*\* Includes trigonometry, elementary analysis, analytic geometry, statistics, and precalculus

## ARE TEACHERS PREPARED TO TEACH TO HIGH STANDARDS?

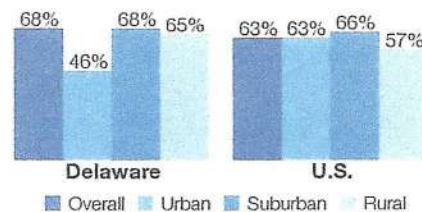
Research shows that teachers' content knowledge and teaching experience can affect student performance.

### Teachers need deep content knowledge

8th graders whose teachers have an undergraduate major in the subject they teach



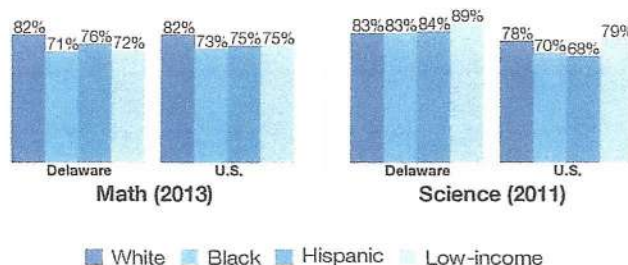
8th graders whose science teachers took three or more advanced science courses in college, 2011



### High-need schools need to retain excellent teachers

In most states, minority and low-income students are most likely to have inexperienced teachers, indicating high turnover rates.

8th graders whose teachers have 5+ years of experience teaching their subject



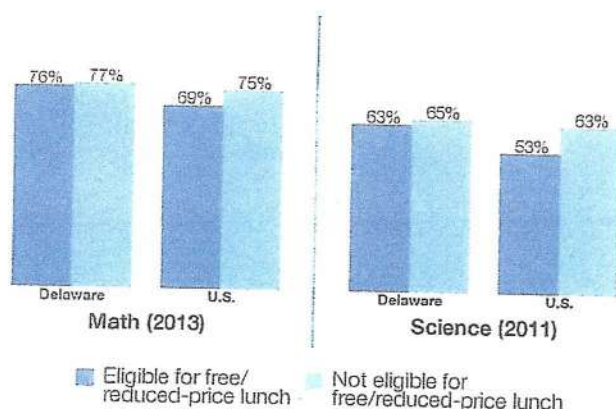
\* Reporting Standards not met



# DO SCHOOLS AND TEACHERS IN DELAWARE HAVE WHAT THEY NEED TO SUCCEED?

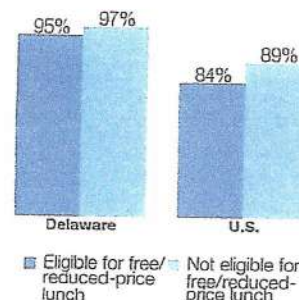
## Teachers need the tools of their trade

8th graders whose teachers say they have all or most of the resources they need, by income



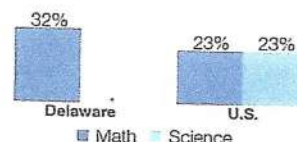
## All students need access to science facilities and supplies

8th graders whose schools have science labs, by income, 2011



## Parent support and engagement are critical to student success

Teachers who say lack of support is a serious problem, 2011



For the complete state report, methodology, and sources, visit [changetheequation.org/stem-vital-signs](http://changetheequation.org/stem-vital-signs).

# RECOMMENDATIONS

Impatience is a virtue when it takes data and real solutions as its guides. The time to act is now. These Vital Signs provide business, education, state and policy leaders with an extensive and reliable set of indicators to promote STEM learning and high expectations for all students. We've crunched the numbers to offer insights into much-needed actions that can be undertaken right away with resolve.

### Make science count

Delaware tests students in science, but it only holds schools accountable for meeting student performance targets on reading and math tests. Science should count, too. When there are no consequences for science achievement, schools can easily give science short shrift. But simply holding schools accountable for science is not enough. Delaware should also raise the passing score on the state science tests. For example, the bar on its 8th-grade science test is so low that schools would be held accountable for meeting a weak standard.

### Ease the transition between high school and college

Delaware students should understand the requirements for college admission and whether a high school diploma prepares them for college-level work. One way to ensure that diplomas have meaning is to align state high school graduation and college entrance requirements. Delaware also should expand access to rigorous courses in math and science. For example, the state could strengthen initiatives that help schools boost participation in AP courses, especially among women and minorities.

### Stretch the STEM education investment

In lean or flush times, Delaware must improve its return on investment in K-12 STEM education. Every dollar spent should be linked to student mastery of high expectations in STEM courses. This does not mean that resources are not critical to dramatically raising student performance. It does mean that Delaware has to ask tough questions and make choices about which investments in STEM learning are most closely tied to the goals of college and career readiness.

## LEAN Tech Academy

## Appendix 4

## Section 1

See : <http://changetheequation.org/stemstatistics-facts-figures>

<http://changetheequation.org/state-summaries>



## Positive Behavioral Interventions and Supports

### Connecticut State Education Research Center

# Best Practices In Education

Welcome to the Best Practices section of SERC's Web site! We're here to research, compile, disseminate and promote practices for educators and families with the goal of improving educational opportunities for *all* children. SERC, with support from the CT State Department of Education and the Connecticut Vanguard Schools Initiative, has identified effective practices -- connected to nine standards found in effective schools -- that improve student performance.

This dynamic database of information, literature, and materials has been compiled from a variety of local and national resources and is continuously updated. It is intended to support administrators, practitioners, and family members seeking strategies that have been proven successful in a variety of settings. You will find information on Best Practices in early childhood, elementary, and secondary education.

In addition, this site recognizes and celebrates the Connecticut schools that have embodied the nine standards and strive to continue Best Practices. By sharing their methods, we hope to demonstrate that Best Practices in Education can be achieved in *every* school.

### What is "Best Practice?"

The term "Best Practice" has been used to describe "what works" in a particular situation or environment. When data support the success of a practice, it is referred to as a *research-based practice* or *scientifically based practice*. As good consumers of information, we must keep in mind that a particular practice that has worked for someone within a given set of variables may or may not yield the same results across educational environments.

Grover J. Whitehurst, as assistant secretary for Educational Research and Improvement at the U.S. Department of Education, defined evidence-based education as "the integration of professional wisdom with the best available empirical evidence in making decisions about how to deliver instruction." Professional wisdom allows educators and family members to adapt to specific circumstances or environments in an area in which research evidence may be absent or incomplete. But without at least



some empirical evidence, education cannot resolve competing approaches, generate cumulative knowledge, and avoid fads and personal biases.

These are the nine standards:

- **1: A Clear and Common Focus**

In high-performing schools, administrators, teachers, students, and parents share and commit to clearly articulated and understood common goals based on the fundamental belief that all students can learn and improve their performance. There is clear evidence of school practices to support this belief.

- **2: High Standards and Expectations**

High-performing schools show evidence that each teacher believes “all students can learn and I can teach them.” Staff members are dedicated to helping every student achieve challenging state and local standards. All students are engaged in an appropriately ambitious and rigorous course of study in which the high standards of performance are clear and consistent and the conditions for learning are modified and differentiated. This results in all students being prepared for success in the workplace, postsecondary education, and civic responsibilities.

- **3: Strong Leadership**

School leadership is focused on enhancing the skills, knowledge, and motivation of the people in the organization and creating a common culture of high expectations based on the use of skills and knowledge to improve the performance of all students. Leadership fosters a collaborative atmosphere between the school and the community while establishing positive systems to improve leadership, teaching, and student performance.

- **4: Supportive, Personalized, and Relevant Learning**

In high-performing schools, supportive learning environments provide positive personalized relationships for all students while engaging them in rigorous and relevant learning.

- **5: Parent/Community Involvement**

In high-performing schools, parents and community members help develop, understand, and support a clear and common focus on core academic, social, and personal goals contributing to improved student performance and have a meaningful and authentic role in achieving these goals. The school community works together to actively solve problems and create win-win solutions. Mentoring and outreach programs provide for two-way learning between students and community/business members.

- **6: Monitoring, Accountability, and Assessment**

In high-performing schools, teaching and learning are continually adjusted on the basis of data collected through a variety of valid and reliable methods that indicate student progress and needs. The assessment results are interpreted and applied appropriately to improve individual student performance and the instructional program.

- **7: Curriculum and Instruction**

High-performing schools have aligned curriculum with core learning expectations to improve the performance of all students. Students achieve high standards through rigorous, challenging learning. Staff delivers an aligned curriculum and implements research-based teaching and learning strategies. Students are actively involved in their learning through inquiry, in-depth learning, and performance assessments.

- **8: Professional Development**

Ongoing professional development aligned with the school's common focus and high expectations to improve the performance of all students is critical in high-performing schools. These professional development offerings are focused and informed by research and school/classroom-based assessments. Appropriate instructional support and resources are provided to implement approaches and techniques learned through professional development.

- **9: Time and Structure**

High-performing schools are flexibly structured to maximize the use of time and accommodate the varied lives of their students, staff, and community in order to improve the performance of all students. The structure of programs extends beyond the traditional school day and year as well as beyond the school building. The program draws on the entire community's resources to foster student achievement.

[http://ctserc.org/s/index.php?option=com\\_content&view=section&id=8&Itemid=28](http://ctserc.org/s/index.php?option=com_content&view=section&id=8&Itemid=28)

**<http://pbis.serc.co/>**

State Education Resource Center's website for Positive Behavioral Interventions and Supports (PBIS) in Connecticut.



## Differentiated Instruction Strategies published by Glencoe/McGraw-Hill.

### **Differentiating Instruction: Meeting Students Where They Are**

No two students enter a classroom with identical abilities, experiences, and needs. Learning style, language proficiency, background knowledge, readiness to learn, and other factors can vary widely within a single class group.

Regardless of their individual differences, however, students are expected to master the same concepts, principles, and skills. Helping all students succeed in their learning is an enormous challenge that requires innovative thinking.

#### **What is differentiated instruction?**

Differentiated instruction is an instructional theory that allows teachers to face this challenge by taking diverse student factors into account when planning and delivering instruction. Based on this theory, teachers can structure learning environments that address the variety of learning styles, interests, and abilities found within a classroom.

#### **How does differentiated instruction work?**

Differentiated instruction is based upon the belief that students learn best when they make connections between the curriculum and their diverse interests and experiences, and that the greatest learning occurs when students are pushed slightly beyond the point where they can work without assistance. This point differs for students who are working below grade level and for those who are gifted in a given area.

Rather than simply "teaching to the middle" by providing a single avenue for learning for all students in a class, teachers using differentiated instruction match tasks, activities, and assessments with their students' interests, abilities, and learning preferences.

What Differentiated Instruction Means for Teachers	
Teachers DO	Teachers DON'T
<ul style="list-style-type: none"><li>provide several learning options, or different paths to learning, which help students take in information and make sense of concepts and skills.</li></ul>	<ul style="list-style-type: none"><li>develop a separate lesson plan for each student in a classroom.</li></ul>

<ul style="list-style-type: none"><li>• provide appropriate levels of challenge for all students, including those who lag behind, those who are advanced, and those right in the middle.</li></ul>	<ul style="list-style-type: none"><li>• "water down" the curriculum for some students.</li></ul>
--	--

### **Laying the Foundation for Differentiated Instruction**

Differentiated instruction does not happen by accident. It requires planning, commitment, and acknowledgment of the fact that diverse abilities, experiences, and interests have a tremendous impact on student learning. If you are considering using differentiated instruction in your classroom, the three steps below provide a place to start.

#### ***1. Get to know your students.***

- Identify the level at which individual students are working in your subject area. Standardized test scores and other information found in student records can help determine this information.
- Administer a [learning style inventory](#) to determine how your students best learn. An instrument can be obtained through the guidance department at your school.
- Determine student interests. On a regular basis, ask students to identify topics that interest them and activities that occupy their non-school time.

#### ***2. Identify areas of your curriculum that could be adapted to differentiated instruction.***

- Study the instructional goals and objectives for your subject established by your state's department of education. Identify the major concepts, principles, and skills students should learn.
- Choose one or two broad concepts or skills that lend themselves to being taught at different degrees of complexity.
- Brainstorm ideas for activities, tasks, and assessments that address a specific concept or skill. Ideas should cover a range of learning preferences, abilities, and interests.

#### ***3. Examine your role as teacher in the differentiated classroom.***

- Brainstorm ways to vary your instructional delivery methods. Target auditory, visual, and kinesthetic learners in your approaches.
- Develop a general plan for facilitating time, space, and materials in your classroom. On any given day, not all students will be working on the same



assignment at the same time. You must have a plan for student access to necessary materials, where individuals or groups will work, and how much time can be allotted to specific tasks.

- Identify alternative methods of assessing student performance and understanding. Assessment results should increase teacher understanding of students' abilities, interests, and needs, and should be incorporated into future planning.

### **Strategies for Successfully Implementing Differentiated Instruction**

Instruction can be differentiated based on three general areas. These areas include:

- the content of instruction
- the processes and techniques used to help make sense of a given topic
- the products produced by students that demonstrate their learning

The chart below shows general strategies that can be applied in most classrooms. After studying the chart, review the subject-specific articles to find how differentiated instruction can be applied in your specific subject area.

<b>Strategies for Differentiating Instruction</b>	
<b>Based on Content</b>	<ul style="list-style-type: none"><li>• Utilize pre-tests to assess where individual students need to begin study of a given topic or unit.</li><li>• Encourage thinking at various levels of Bloom's taxonomy.</li><li>• Use a variety of instructional delivery methods to address different learning styles.</li><li>• Break assignments into smaller, more manageable parts that include structured directions for each part.</li><li>• Choose broad instructional concepts and skills that lend themselves to understanding at various levels of complexity.</li></ul>
<b>Based on Process</b>	<ul style="list-style-type: none"><li>• Provide access to a variety of materials which target different learning preferences and reading abilities.</li><li>• Develop activities that target auditory, visual, and kinesthetic learners.</li><li>• Establish stations for inquiry-based, independent learning activities.</li><li>• Create activities that vary in level of complexity and degree of abstract thinking required.</li><li>• Use flexible grouping to group and regroup students based on factors including content, ability, and assessment results.</li></ul>



<b>Based on Product</b>	<ul style="list-style-type: none"><li>• Use a variety of assessment strategies, including performance-based and open-ended assessment.</li><li>• Balance teacher-assigned and student-selected projects.</li><li>• Offer students a choice of projects that reflect a variety of learning styles and interests.</li><li>• Make assessment an ongoing, interactive process.</li></ul>
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*This article was contributed by Jennifer Willoughby, a freelance writer and former science and technology specialist for Lynchburg City Schools in Lynchburg, Virginia.*

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[http://www.glencoe.com/sec/teachingtoday/subject/di\\_meeting.phtml](http://www.glencoe.com/sec/teachingtoday/subject/di_meeting.phtml)

LEAN Tech Academy

Appendix .7

Section 1.1

Education Plan Board Strengths

**Founding Board Strengths**

<b><u>Name</u></b>	<b><u>School Position</u></b>	<b><u>Strengths</u></b>
Patsy Pipkin-Perry	President/CEO	Development of the mission and vision, achieving goals and carrying our strategic plans of the Governing Board, providing guidance and operational management of the school, building school culture, fund raising, parent and community relations, school growth, development and recognition.
Unknown	School Leader/Principal	School start up and development, administration of school policies and procedures, school culture and behavior, day-to-day management of people, systems and resources, student recruiting and admissions, parent and community relations strategic management of the school, instructional leadership, student assessment, staff recruitment empowering, supporting, learning and teaching.
Unknown	Lead Teacher	Leadership, instructional planning, instructional delivery, student assessment, empowering, supporting, learning and teaching.
Bob Anderson, Sr. with Bridge to Achievement, LLC	Long-term Consulting and Advisory Group	Board Development and Leadership Training, Strategic Planning, Curriculum Support/Development, Staff Recruitment, Project Based Learning Strategies, Promoting Leadership/Vision, Enhancing Decision Making, Professional Development, Effective Classroom



		Management, Conflict Mediation Training {staff and students} Staff Certification.
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### Proposed Governing Board Strengths

<u>Governing Board Member</u>	<u>Board Position</u>	<u>Profession</u>	<u>Strengths</u>
Garth Warner, MBA	<u>President/Parent</u>	Retired Avon, Inc., Marketing and Sales, Current Business Consulting and Adjunct Professor Wilmington Univeristy	Global Marketing, Business Development and Management, Mentoring and Empowering High School Students in Local School Districts
TBD	<u>Vice President</u>		
Danika Perry, Psy.D.	<u>Secretary</u>	Clinical Psychology Fellow at Genesys Hospital Health Systems in Grand Blanc, Michigan	Mental Health and Wellness, Working with Children K – 12 in Delaware Schools, Documented Extensive Research in Childhood Obesity and its Implications Toward Academic Achievement
TBD	<u>Treasurer</u>		
Lydia Anderson, Esq.	<u>Member</u>	Attorney – DE, PA and US Supreme Courts; US District Court of DE, and Third Circuit Court of Appeals	Legislative and Governance, Former State of Delaware Teacher
Dakota Williams Certified Chemical Technologist	<u>Member/Acting Treasurer</u>	Staff Technologist Siemens Realtor -- Long & Foster	STEM and Facility Management

Licensed Realtor			
Michelle Eklund, MBA, PHR	<u>Member/Parent</u>	Human Resources Director Christiana Care	Human Resources and Health Care

### Advisory Board Strengths

<u>Advisory Board Member</u>	<u>Profession</u>	<u>Strengths</u>
E. Wayne Harris, Ed.D.	Associate Cambridge Strategics	School Development and Strategic Planning
Wayne Ravenell, M.S. (Chemical Engineering)	Science Teacher Brandywine School District	Delaware Science Coalition, Science Curriculum Forum to Advance Minorities in Science (FAME)
Audrey Scott-Hinson, M.Ed.	Entrepreneur/Consultant/ Instructor/Trainer Delaware State University	High School Entrepreneurship Training Program and Special Education Law
Sharon Hardnett, Ed.D.	Math Teacher Brandywine School District	Math Curriculum, Data Coach Summative Assessment Advisor
Monique Hite-Head, Ph.D.	Civil Engineering Associate Professor Morgan State University	Team Research Leader of Civil Infrastructure and Structural, Earthquake, and Bridge Engineering Classroom Engineering Projects Advisor
Michael Czarkowski, Ed.D.	Director, Doctoral Program Wilmington University	Early College Program Advisor
Carol L. Kuprevich, Ed.D.	Director, Mental Health Delaware Division of Substance Abuse and Mental Health	Public Health Resources and Advisor

Everett Dickerson, M.A. Doctor of Philosophy, Counseling Psychology – Fall 2015	Suicide Prevention and Intervention Clinician Delaware Guidance Services	Outreach and Suicide Prevention Education, Group and Individual Therapy
Robert Young, B.S. (Chemistry)	Superintendent of Safety & Environmental Affairs Delaware River & Bay Authority	STEM Projects and Research Consultant
Kelli Garrity, RN, MPH	School Nurse Christina School District	School Wellness Center Development, Parent Education Center Health Advisor
Erica Carter, M.D.	Hospital Physician	Public Health and Biomedical Consultant
Mary S. Hite, M.S.	Retired Business Education Teacher and Vocational Youth Advisor	Mentoring, Business Technology, College and Career Readiness Strategist, Personnel Management
Mary Beth French, M.S.	Physical Education Teacher and State – Wide Health Liaison	Health, Wellness, Physical Education Recreation and Dance
Nicole Hyland, M.Ed.	Special Education Teacher/Parent	Special Education, Athletics, School Administration
Stephen J. Dobraniecki	Commercial Real Estate	Property Location
Michael Ramone	Delaware State Rep. 21 <sup>st</sup> District – R	Community Leader, Coach, Mentor, Entrepreneurship, Leadership, Wellness