

Pathways to Success





COMMUNICATION

- ◉ October 11
 - Presented pathways and graduation options to Board of Trustees for information.
 - Developed a communication plan. Development of the plan included public relations/communication department, secondary administrators, counselors, and parents.
- ◉ November 9
 - Presented to Administrative Council.
- ◉ November 16
 - Presented at Parent Forum.
 - Presented to 6-12 staff.
- ◉ November 17
 - Conducted a community meeting at the Civic Auditorium.
- ◉ December 5
 - Presented to alternative programs.



WHY PATHWAYS TO SUCCESS?

- ◉ Assist students in selecting their appropriate graduation pathway.
- ◉ Increase attendance rates, high school GPA, and scores on statewide tests in secondary schools.
- ◉ Increase enrollment in dual-credit courses.
- ◉ Higher rates of postsecondary (PS) enrollment and completion.
- ◉ Decrease remediation at the PS level.
- ◉ Higher skilled employees in the workforce.

GRADUATION PATHWAY OPTIONS



Multiple pathway options to a standard diploma

Career Pathway Option
(21 Credits LAW) (MS Code 37-16-17)

Or

Traditional Pathway Option
(24 Credits minimum)

Or

District Pathway Option
(21 Credits minimum)

GRADUATION PATHWAYS



Career Pathway Option 21 Credits		Traditional Pathway Option 24 Credits minimum		District Pathway Option 21 Credits minimum	
Graduation Requirements	Required Subjects	Graduation Requirements	Required Subjects	Graduation Requirements	Required Subjects
4 Credits of English	English I, English II	4 Credits of English	English I, English II	4 Credits of English	English I, English II
3 Credits of Math	Algebra I	4 Credits of Math	Algebra I	4 Credits of Math	Algebra I
3 Credits of Science	Biology I	4 Credits of Science	Biology I	3 Credits of Science	Biology I
3 Credits of Social Studies	1 U. S. History ½ U.S. Government ½ Mississippi Studies	4 Credits of Social Studies	1 World History 1 U. S. History ½ Geography ½ U. S. Government ½ Economics ½ Mississippi Studies	3 Credits of Social Studies	1 World History 1 U. S. History ½ U. S. Government ½ Mississippi Studies
½ Credit of Health/Physical Education	½ Comprehensive Health, ½ Family and Individual Health, or ½ Physical Education	½ Credit of Health ½ Credit of Physical Education	½ Comprehensive Health or ½ Family and Individual Health	½ Credit of Health ½ Credit of Physical Education	½ Comprehensive Health or ½ Family and Individual Health
1 Credit of Integrated Technology	Computer Discovery, ICT II, 9th STEM, or Computer Applications and Keyboarding	1 Credit of Business & Technology	Computer Discovery, ICT II, 9th STEM, or Computer Applications and Keyboarding	1 Credit of Business & Technology	Computer Discovery, ICT II, 9th STEM, or Computer Applications and Keyboarding
4 Credits of Career & Technical Education Electives and 2 ½ Credits of Electives	From Student's Program of Study	1 Credit of Art 5 Credits of Electives		1 Credit of Art 4 Credits of Electives	

Individual Career and Academic Plan (iCAP)

Each student in Mississippi schools should have an Individual Career and Academic Plan that is personalized to meet each learner's educational and career goals. Students who choose the Career Pathway Option must complete four career and technical education credits and two and one half elective credits specified in the student's iCAP.

Subject Area Tests

The Subject Area Testing Program (SATP) consists of four academic, end-of-course tests (Algebra I, Biology I, English II, and U.S. History from 1877). A passing score in each of the four subject-area tests is required.

See Handout on Graduation Pathways

ALTERNATIVE DIPLOMA vs. DISTRICT PATHWAY



- ◎ HSAA Middle Grades
 - 41 students
 - 0 are eligible to graduate due to age

ALTERNATIVE DIPLOMA vs. DISTRICT PATHWAY



○ HSAA Upper Grades (Ombudsman)

■ 78 initially identified

○ Attending	49
○ Never enrolled	16
○ Withdrew	7
○ Different Program	4
○ Returned to THS	1
○ Not accounted for	1

■ 2 students can graduate with 26 credits requirement

■ 16 more can possibly graduate with 21 credits requirement

○ 18 possible graduates

ALTERNATIVE DIPLOMA vs. DISTRICT PATHWAY



◎ SAMS

- 22 students enrolled
- 10 can graduate with 26 credits requirement
- 7 more can graduate with 21 credits requirement
 - **17 possible graduates**

ALTERNATIVE DIPLOMA vs. DISTRICT PATHWAY



◉ Structured Day Program

- 46 students enrolled
- 4 are of graduation age
- 4 can graduate with 26 credits
- 0 more can possibly graduate with 21 credits requirement
 - ◉ 4 possible graduates

ALTERNATIVE DIPLOMA vs. DISTRICT PATHWAY



- ◎ Traditional Diploma alone
 - 16/75
 - 21%
- ◎ Alternate Diploma offered (District Pathway)
 - 39/75
 - 52%



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Career Pathways

Child-Care Assistant

Teacher Assistant
Child-Care Director
Elementary School Counselor
Preschool Teacher

- A district-developed, sequential set of courses that include academic and career and technical education courses that are logical, challenging, and aligned to industry-recognized and college readiness standards
- Should include opportunities for dual or articulated credit at the postsecondary level for all students
- Should meet college and career readiness standards
- Leads to an associate's degree or a bachelor's degree, a certificate at the postsecondary level, or an industry-recognized credential
- Should align to national standards, both academic and career and technical education



Name _____

MSB ID _____

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Career Pathway: *Early Childhood Education*

This Pathway can serve as a guide, along with other career planning materials. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This should be customized with course titles and appropriate district and high school graduation requirements. Refer to the latest version of the approved courses for the secondary schools of Mississippi at the MDE's Web site: www.mde.state.ms.us/courseofstudy/ms2011-2012/2012-2013approved2020CourseofStudyManual%20complete.pdf

[illegible]

- An education plan detailing the courses necessary for a high school student to successfully prepare for graduation and transition into a profession or postsecondary educational experience
- Each student in Mississippi schools should have an Individual Career and Academic Plan (iCAP) that is personalized to meet each learner's educational and career goals.

Diploma Options

- Career Pathway (21 credits)
- Traditional Pathway (24 credits minimum)
- District Pathway (21 credits minimum)





CAREER CLUSTERS

- Career Clusters are groupings of similar occupations and industries.
- Mississippi uses the 16 national clusters.
- Example:





16 CAREER CLUSTERS





CAREER PATHWAY

- Are broad groups of careers that share similar characteristics within a career cluster.

Example: Early Childhood Education is a career pathway in the Human Services cluster.

Early Childhood Education

Child-Care Assistant
Teacher Assistant
Child-Care Director
Elementary School Counselor
Preschool Teacher





WHY CAREER PATHWAY?

- ◉ Prepare today's students for tomorrow's jobs.
- ◉ Connect students with knowledge and skills for success in college and career.
- ◉ Motivate students to enroll in more rigorous and relevant courses.
- ◉ Guide students from high school into career.



PROGRAM OF STUDY (MAJOR)

- ◉ District-developed, sequential set of courses
 - Includes academic core courses that are:
 - ◉ Coherent, challenging and relevant to real-world situations.
 - ◉ Aligned to common core standards.
 - Includes elective courses that are:
 - ◉ Logical and challenging.
 - ◉ Aligned to industry-recognized standards.
 - ◉ Aligned to College Readiness Standards.



PROGRAM OF STUDY (MAJOR)

- ◉ District-developed, sequential set of courses.
 - Leads to multiple exit points
 - ◉ Associate's or bachelor's degree
 - ◉ Certificate at the postsecondary level
 - ◉ Industry-recognized credential
 - Aligns to:
 - ◉ Articulated credit opportunities.
 - ◉ Dual enrollment opportunities.



INDIVIDUAL CAREER AND ACADEMIC PLAN



- ◎ A student's guide that helps them establish and achieve their career and academic goals for success after high school
 - Provides mentoring and guidance to assist students in career pathway planning.
 - Helps identify correct graduation pathway options.
 - Supports changes to meet student needs and ambitions.
 - Transitions into a profession or postsecondary educational major.



INDIVIDUAL CAREER AND ACADEMIC PLAN



- ◉ Students will be introduced to career options in the 6th-7th grades.
- ◉ Spring pre-registration for the 2012-2013 school year
 - All 8th and 9th grade public school students in Mississippi
 - ◉ Should select a program of study (major).
 - ◉ Develop an iCAP based on this major with input from counselors, mentor teachers, and parents.
- ◉ In the following years, iCAP will be developed for all incoming 8th graders.
- ◉ Students will revise iCAP each year in grades 9-12.

EARLY CHILDHOOD MAJOR



Name _____

MSIS ID _____

School/College/University _____

Career Pathway: *Early Childhood Education*

This Pathway can serve as a guide, along with other career planning materials. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This should be customized with course titles and appropriate district and high school graduation requirements. Refer to the latest version of the approved courses for the secondary schools of Mississippi at the MDE's Web site. www.mde.k12.ms.us/acad/id/cumculum/Revised%20SY2011-2012%20Approved%20Courses%20Manual%20complete.pdf

LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Electives	Pathway Related Electives
SECONDARY	<i>Interest Inventory Administered and Pathway Selected for all Learners</i>						CTE
	7	Seventh Grade Language Arts	Seventh Grade Math or Pre-Algebra	Seventh Grade Science	Seventh Grade (Eastern Hemisphere Studies to 1750)	Information and Communication Technology I	Career Pathway Experience/Coop (.5, 1, 2) Children's Health, Safety, and Guidance Early Childhood Education I (2)*
	8	Eighth Grade Language Arts	Pre-Algebra or Algebra I	Eighth Grade Science	Eighth Grade (United States History to 1877)	Information and Communication Technology II	Early Childhood Education II (2)* Fundamentals and Stages of Child Development The Learning Environment Management of a Quality Child Care Program
	9	English I or Accelerated English	Algebra I or Geometry	Physics or Biology I	Geography (1/2) & MS Studies (1/2)	Comprehensive Health or Family and Individual Health (1/2)	Accounting I Advanced Desktop Publishing (.5) Band—Grades 9–12 (.5, 1) Communications in Business (.5) Computation in Business (.5) Computer Applications (.5) Desktop Publishing I (.5) Desktop Publishing II (.5) Entrepreneurship (.5, 1) Keyboarding (.5) Multimedia Projects (.5) Personal Finance (.5) Research Using Technology's Information Tools (.5) Health-Care Science Health Science Orientation Human Anatomy and Physiology Word Processing (.5)
	10	English II or Accelerated English	Geometry or Algebra II	Biology I or Chemistry I	World History	Business & Technology (1) Art Physical Education	
	11	English III	Trigonometry, Pre-Calculus, or Algebra II	Chemistry or Physics	U.S. History		
	<i>College Placement Assessments/Academic/Career Advisement Provided</i>						
	12	English IV or AP English (offered in a dual credit environment)	Trigonometry, Pre-Calculus, Statistics, or AP Calculus	Physics or science course	U.S. Government (1/2) & Economics (1/2)		* Early Childhood Education I is the equivalent of Children's Health, Safety, and Guidance combined with Fundamentals and Stages of Child Development. Early Childhood Education II is the equivalent of The Learning Environment and Management of Quality Child Care Program.
	<i>Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.</i>						
POSTSECONDARY	Year 13	English Composition English Literature	Algebra or Calculus	Lab Science	Economics Psychology	All pathways need to meet learners' career goals with regard to required degrees, licenses, or certifications. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.
	Year 14	Speech/ Oral Communication Technical Writing	Business Accounting, Pre-Calculus, or Calculus		Dependent on chosen major		
	Year 15	Continue courses in the area of specialization.					
	Year 16						NOTE: To view postsecondary CTE articulation: www.sbcjlc.ms.us/pdf/cct/StatewideArtManual2010.pdf

HEALTH SCIENCES MAJOR



Name _____

MSIS ID _____

School/College/University _____

Health Science: Health Sciences

This Pathway can serve as a guide, along with other career planning materials. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. This should be customized with course titles and appropriate district and high school graduation requirements and course options. Refer to the latest version of the approved courses for the secondary schools of Mississippi at the MDE's Web site: www.mde.k12.ms.us/acad/id/curriculum/Revised%20SY2011-2012%20Approved%20Courses%20Manual%20complete.pdf

LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies/ Sciences	Other Required Courses Electives	Pathway Suggested Related Electives		
Interest Inventory Administered and Pathway Selected for all Learners							CTE	Other Secondary Electives	
SECONDARY	7	Seventh Grade Language Arts	Seventh Grade Math or Pre-Algebra	Seventh Grade Science	Seventh Grade (Eastern Hemisphere Studies to 1750)	Information and Communication Technology I	Health Science I (2) Health Science II (2) Child Development (.5) Family Dynamics (.5) Nutrition and Wellness (.5) Personal Development (.5) Resource Management (.5) Career Pathway Experience/Coop (.5, 1, 2) Entrepreneurship (.5, 1)	Biology II Biomedical Research Chemistry I, Chemistry II Organic Chemistry (.5) Environmental Science (.5, 1) Genetics (.5) Health Care Science Health Science Orientation Human Anatomy and Physiology Intensive Medical Lab I Microbiology (.5) Molecular Biology (.5) Physics I Physics II Science Skills and Reasoning Zoology (.5) Clinical Internship I Clinical Internship II (2) Public Speaking (.5) Technical Writing (.5) Foreign Languages	
	8	Eighth Grade Language Arts	Pre-Algebra or Algebra I	Eighth Grade Science	Eighth Grade (United States History to 1877)	Information and Communication Technology II			
	9	English I or Accelerated English	Algebra I or Geometry	Physics or Biology I	Geography (1/2) & MS Studies (1/2)	Comprehensive Health or Family and Individual Health (1/2)			
	10	English II or Accelerated English	Geometry or Algebra II	Biology I or Chemistry I	World History	Business & Technology (1)			
	11	English III	Trigonometry, Pre-Calculus, or Algebra II	Chemistry or Physics	U.S. History	Art Physical Education			
	College Placement Assessments-Academic/Career Advisement Provided								
	12	English IV or AP English (offered in a dual credit environment)	Trigonometry, Pre-Calculus, Statistics, or AP Calculus	Physics or science course	U.S. Government (1/2) & Economics (1/2)				
Articulation/Dual Credit Transcribed-Postsecondary courses may be taken/moved to the secondary level for articulation/dual credit purposes.									
POSTSECONDARY	Year 13	English Composition English Literature	Algebra or Calculus	Lab Science	Economics Psychology	All pathways need to meet learners' career goals with regard to required degrees, licenses, or certifications. Certain local student organization activities may also be important to include.	Continue courses pertinent to the pathway selected.		
	Year 14	Speech/ Oral Communication Technical Writing	Business Accounting, Pre-Calculus, or Calculus		Dependent on chosen major				
	Year 15	Continue courses in the area of specialization.							
	Year 16								
							NOTE: To view postsecondary CTE articulation: www.sbojcs.cc.ms.us/pdfs/ct/StatewideArtManual2010.pdf		

DRAFT : 8/26/2011

EVERY STEP ALONG THE PATHWAY IS CRUCIAL TO MAKING EACH STUDENT'S FUTURE A SUCCESS



Employment: Career Advancement
Continuing education and lifelong learning

Post-secondary: Career Preparation
Achieving credentials: college, certification, military

9-12: Career Preparation
Academics and Career and Technical education courses, intensive guidance, individual Career and Academic Plans

8: Individual Career and Academic Plan
Choosing a career cluster and career pathway (can change easily at any time)

6-8: Career Exploration
Discovering areas of career interests and aptitudes

K-5: Career Awareness
Introduction to the world of careers



THROUGH *PATHWAYS TO SUCCESS*, ALL STUDENTS WILL HAVE THE RESOURCES TO IDENTIFY, EXPLORE AND ATTAIN THEIR CAREER AND ACADEMIC GOALS.

In elementary school...

Students will be exposed to career exploration through interactive learning experiences.

In middle school...

Students will investigate career options and identify individual *programs of study* (majors) related to their aspirations and abilities.

Beginning in the 8th grade, students will develop and annually update an *Individual Career and Academic Plan (iCAP)* with help from counselors, mentor teachers, and parents.

In high school...

Students will be provided a variety of opportunities through career pathway experiences (job shadowing, apprenticeships, internships, and other work-related opportunities).

Students will revisit and revise their iCAP annually, which will assist them in planning and preparing for post-secondary study, specialized training or employment.



FREQUENTLY ASKED QUESTIONS

- ◎ ***Is TPSD lowering its standards by reducing the credit requirements for graduation?***
 - NO. The Pathways for Success program has been mandated by the state to help increase Mississippi's graduation rate. Although students have the option to choose a pathway that requires 21 credits, each student also has the option to choose the traditional pathway that has a higher credit requirement. Essentially a student is ***not losing*** credits but ***choosing*** the pathway for his or her graduation.
- ◎ ***Can a student change graduation pathways?***
 - YES. Although a student chooses his or her pathway as an 8th grader, the student does have the option to change at any stage. However, it is important to note that it is better to choose the ***Traditional Pathway*** initially because it has the highest credit requirement. It is easier to choose to change a pathway that requires less credits later in the high school career than it is to choose to change to a pathway that requires more credits.



FREQUENTLY ASKED QUESTIONS

- ◎ ***What options are available to current students to increase graduation rates?***
 - Current high school students will have the option to graduate through the *District Pathway* if they meet the specified credit requirements and have passed all subject area tests.
- ◎ ***Are there any other requirements for graduation?***
 - YES. All students must pass the 4 state subject area tests.



FREQUENTLY ASKED QUESTIONS

- ◉ ***How will block scheduling affect the new pathways requirement?***
 - Block scheduling may require the Board to increase the credit requirement for the ***Traditional Pathway*** to at least 28 credits. Block scheduling may also reduce the traditional time a student spends in high school to 3 years because it allows for students to earn more credits during the school year. If a student meets high school requirements before his/her 4th year, an opportunity will be provided for him/her to participate in dual enrollment.
- ◉ ***Does the graduation pathways program limit students' opportunities to participate in liberal arts?***
 - NO. The pathway options reflect a minimum credit requirement to graduate. Students will NOT be limited to the amount of credits they accumulate during their high school career. Students can take as many credits as they like (no matter what pathway he/she chooses), so as to guarantee admission to a college/university.



FREQUENTLY ASKED QUESTIONS

- ◎ ***Will a culmination project be required for graduation regardless of the student's graduation pathway choice?***
 - YES. All students will need to complete a culmination project before graduating.
- ◎ ***Will the diploma look different for the each of the different pathway choices?***
 - NO. Each THS graduate will receive the same high school diploma, regardless of their graduation pathway choice. However, most colleges and employers will request an official transcript which will reflect the amount of credits earned and will show the differences in the pathway options.



FREQUENTLY ASKED QUESTIONS

- ◎ ***Will students have resources/tools to help them make a graduation pathway choice?***
 - YES. The greatest resources our students have are our counselors. When a student begins to select his/her pathway it is important they discuss their options with a school counselor. Also, 8th graders will complete an Individual Career and Academic Plan (iCAP). Additionally, students will be given a career inventory test, ***Choice's***, in the 8th grade. The results of this career inventory will be sent home with students to discuss with their parents.



VIDEO

- ⦿ http://www.rcu.msstate.edu/Portals/0/Public_Repository/MDE/Pathways_to_Success/Video/PTS_StudentCounselor.mp4



QUESTIONS