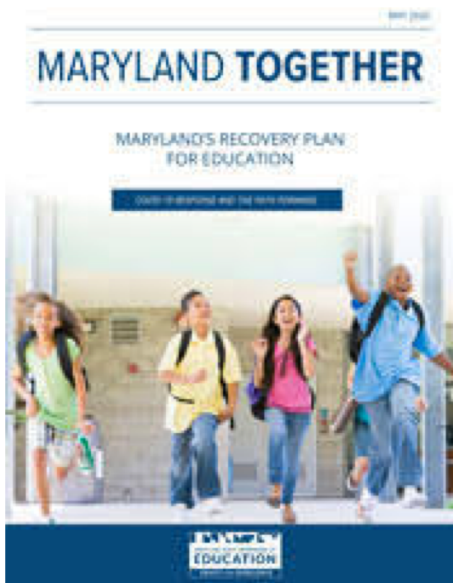# COVID-19 Recovery Efforts

7/9 Decisions by the Board

- Calendar Modification - School year begins on September 8

- Purchase additional chromebooks to advance equitable learning outcomes

- A 4x4 semester schedule for middle and high schools

HS/MS 4x4 Semester Model - Virtual

- Research shows varying results on the 4x4 model vs a 7 period day
- Reduces the number of courses students must focus on at a time
- Reduces the number of courses teachers must teach at a time
- Challenges
  - Professional development for staff
  - Specialized courses such as AP and CTE
  - Support for struggling students

7/16 Decision Points for the Board

- A fully virtual start to the school year for the first quarter

- A reevaluation date to determine if there needs to be a shift from virtual learning (possibly 10/8)

- A date to come back to the Board to bring a more fully vetted hybrid model that prioritizes safety, instruction, and operations, and considers parental choice and staff workload (possibly 9/24)

Decisions Point #1

A fully virtual start to the school year for the first quarter (9/8 - 11/6)

Rationale:

- Health, Safety, Operations
- Stakeholder Input
- Professional Development
- Focus Efforts on the Enhancement of Virtual Learning

Health, Safety and Operations
CDC Guiding Principles

The more people a student or staff member interacts with, and the longer that interaction, the higher the risk of COVID-19 spread. The risk of COVID-19 spread increases in school settings as follows:

- **Lowest Risk:** Students and teachers engage in virtual-only classes, activities, and events.
- **More Risk:** Small, in-person classes, activities, and events. Groups of students stay together and with the same teacher throughout/across school days and groups do not mix. Students remain at least 6 feet apart and do not share objects (e.g., hybrid virtual and in-person class structures, or staggered/rotated scheduling to accommodate smaller class sizes).
- **Highest Risk:** Full sized, in-person classes, activities, and events. Students are not spaced apart, share classroom materials or supplies, and mix between classes and activities.

* CDC - Considerations for Schools

Health, Safety and Operations
Howard County Transmissions

COVID-19 Testing

3.78%	956	42,673	1310	11.20%
7 Day Average Positivity Rate	7 Day Average Tests Administered	Total Tests Administered	Testing per 10,000	% Pop Tested

2988
Total Confirmed Cases

2128
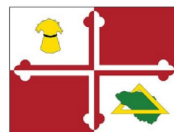Total Active Cases

760
Total Recovered

100
Total Deaths

The data on this page is provided by the Maryland Department of Health through the National Electronic Disease Surveillance System (NEDDS).

A 7 day rolling average is used to identify long-term trends.

Test Positivity
● Daily Positivity Rate ● 7 Day Rolling Average Positivity Rate

0.00% 5.58% 15.01% 22.96% 27.54% 23.55% 28.23% 24.43% 21.07% 15.79% 8.21% 5.93% 4.76% 4.82% 3.78%

Apr 2020   May 2020   Jun 2020   Jul 2020

Tests Administered
● Tests Administered ● 7 Day Rolling Average Tests Administered

4 75 113 96 93 109 145 145 227 544 426 662 388 646 956

Apr 2020   May 2020   Jun 2020   Jul 2020

https://www.howardcountymd.gov/Departments/Health/MM-Alerts-and-Recalls

7

Health, Safety and Operations
Howard County Demographics

COVID-19 Case Demographics

2988
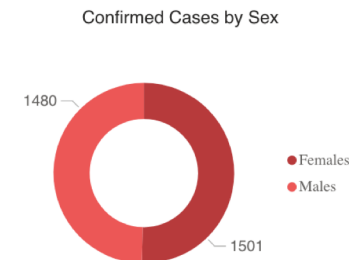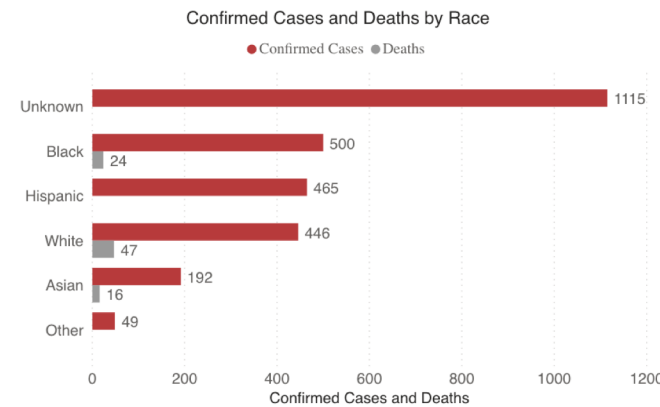Total Confirmed Cases

2128
Total Active Cases

760
Total Recovered

100
Total Deaths

Race/Age data last updated:
7/2/20

Race and Age data will be updated on a weekly basis and is subject to change based upon additional reporting.

Confirmed Cases by Age

Age	Confirmed Cases
<19	190
19-24	236
25-49	1291
50-64	605
65+	453

Deaths by Age Group

- 65+: 80
- Under 65: 20

Confirmed Cases and Deaths by Race

● Confirmed Cases ● Deaths

Race	Confirmed Cases	Deaths
Unknown	1115	
Black	500	24
Hispanic	465	
White	446	47
Asian	192	16
Other	49	

Confirmed Cases by Sex

- Females: 1480
- Males: 1501

https://www.howardcountymd.gov/Departments/Health/MM-Alerts-and-Recalls
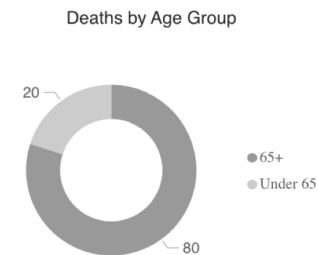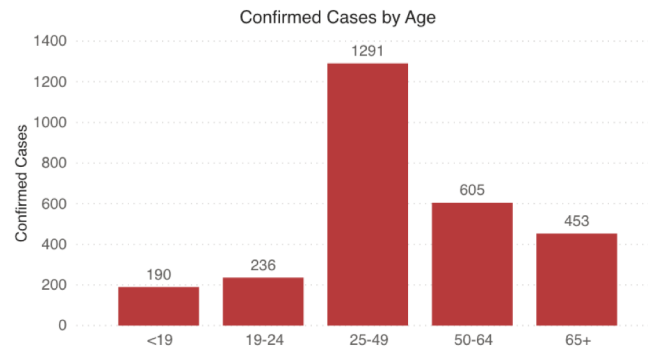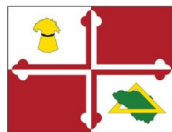
Stakeholder Input - Staff

How concerned are you with your own health and safety if we return to school buildings in the fall?

Legend: ■ Extremely concerned ■ Quite concerned ■ Somewhat concerned ■ Slightly concerned ■ Not at all concerned

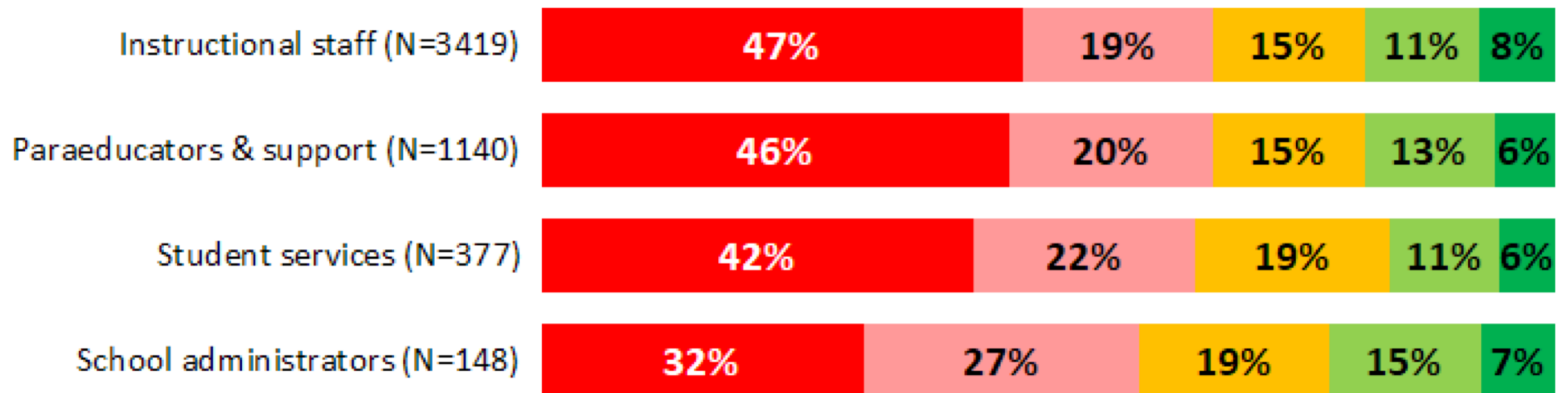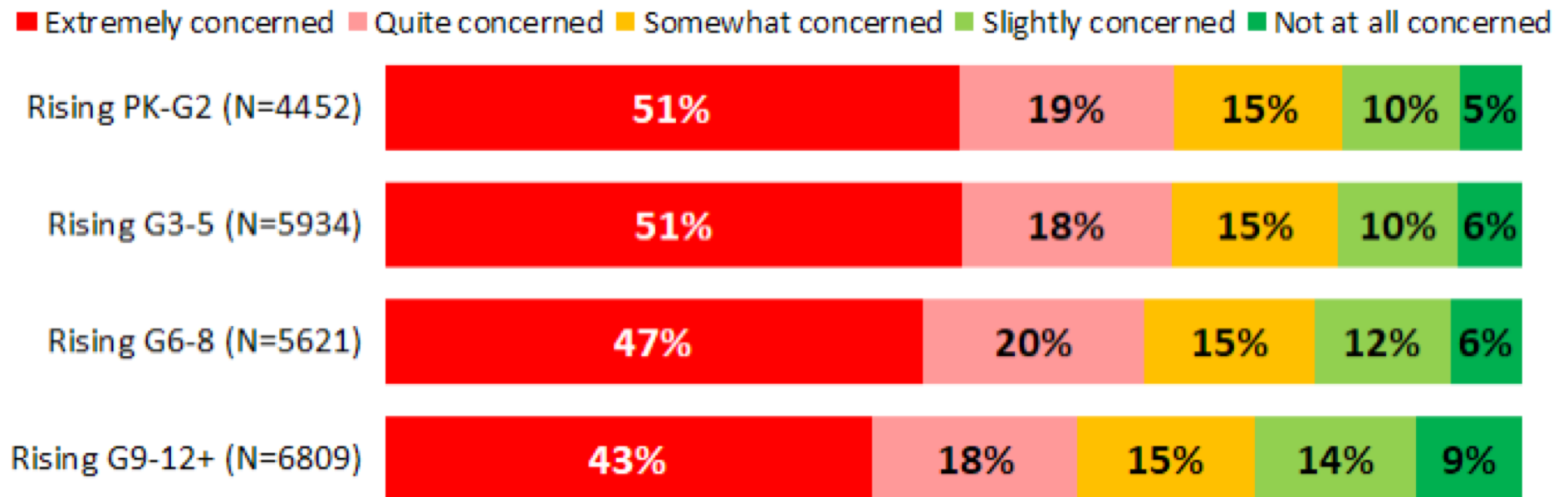|	Extremely concerned	Quite concerned	Somewhat concerned	Slightly concerned	Not at all concerned
Instructional staff (N=3419)	47%	19%	15%	11%	8%
Paraeducators & support (N=1140)	46%	20%	15%	13%	6%
Student services (N=377)	42%	22%	19%	11%	6%
School administrators (N=148)	32%	27%	19%	15%	7%

Stakeholder Input - Parent

How concerned are you with your child's health and safety if we return to school buildings in the fall?

Legend: ■ Extremely concerned ■ Quite concerned ■ Somewhat concerned ■ Slightly concerned ■ Not at all concerned

	Extremely concerned	Quite concerned	Somewhat concerned	Slightly concerned	Not at all concerned
Rising PK-G2 (N=4452)	51%	19%	15%	10%	5%
Rising G3-5 (N=5934)	51%	18%	15%	10%	6%
Rising G6-8 (N=5621)	47%	20%	15%	12%	6%
Rising G9-12+ (N=6809)	43%	18%	15%	14%	9%

Stakeholder Input - Staff

How concerned are you about students being able to social distance in the classroom?

Legend: ■ Extremely concerned ■ Quite concerned ■ Somewhat concerned ■ Slightly concerned ■ Not at all concerned

	Extremely concerned	Quite concerned	Somewhat concerned	Slightly concerned	Not at all concerned
Instructional staff (N=3422)	58%	20%	11%	6%	4%
Paraeducators & support (N=1135)	52%	24%	12%	8%	3%
Student services (N=377)	51%	25%	15%	6%	2%
School administrators (N=148)	65%	23%	7%	4%	1%

Stakeholder Input - Parent

How concerned are you about students being able to social distance in the classroom?

Legend: ■ Extremely concerned ■ Quite concerned ■ Somewhat concerned ■ Slightly concerned ■ Not at all concerned

	Extremely concerned	Quite concerned	Somewhat concerned	Slightly concerned	Not at all concerned
Rising PK-G2 (N=4465)	40%	21%	17%	12%	10%
Rising G3-5 (N=5948)	40%	22%	16%	13%	10%
Rising G6-8 (N=5637)	36%	22%	18%	14%	10%
Rising G9-12+ (N=6822)	32%	20%	19%	16%	14%

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Elementary School - Virtual

- 4 days of synchronous instruction with supporting asynchronous assignments
- 1 day of fully asynchronous learning/staff PD
- Dedicated time for additional support for students
- Related arts provided synchronously
- Time for students to access meal distribution sites
- Easy transition to hybrid options

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Elementary Virtual
Sample Grade 3 Student

* Times subject to change based on planning efforts

Howard County Public School System

	Monday	Tuesday	Wednesday	Thursday	Friday
9:05-9:20	Morning Meeting/SEL	Morning Meeting/SEL		Morning Meeting/SEL	Morning Meeting/SEL
9:20 - 10:20	Synchronous ELA Instruction	Synchronous ELA Instruction		Synchronous ELA Instruction	Synchronous ELA Instruction
10:20-10:30	Break	Break		Break	Break
10:30 - 11:30	Synchronous Mathematics Instruction	Synchronous Mathematics Instruction	Asynchronous Assignments, GT CEUs, LexiaCore, Dreambox, & Canvas	Synchronous Mathematics Instruction	Synchronous Mathematics Instruction
11:30 - 12:50	Lunch Asynchronous Assignments, CEUs, LexiaCore, & Dreambox	Lunch Asynchronous Assignments, CEUs, LexiaCore, & Dreambox		Lunch Asynchronous Assignments, CEUs, LexiaCore, & Dreambox	Lunch Asynchronous Assignments, CEUs, LexiaCore, & Dreambox
12:50 - 1:50	Additional Synchronous Support	Additional Synchronous Support	Small group supports	Additional Synchronous Support	Additional Synchronous Support
1:50-2:50	Synchronous Related Arts Instruction	Synchronous Content Instruction (Science, Social Studies, Health, SEL)		Synchronous Related Arts Instruction	Synchronous Content Instruction (Science, Social Studies, Health, SEL)
2:50 - 3:50	Asynchronous Assignments, LexiaCore, & Dreambox	Asynchronous Assignments, LexiaCore, & Dreambox		Asynchronous Assignments, LexiaCore, & Dreambox	Asynchronous Assignments, LexiaCore, & Dreambox

SAMPLE

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Elementary Virtual

Sample Grade 3 Teacher

* Times subject to change based on planning efforts

	Monday	Tuesday	Wednesday	Thursday	Thursday
8:15 - 9:00	Staff Meetings/Professional Learning			Staff Meetings/Professional Learning	
9:05-9:20	Morning Meeting/SEL	Morning Meeting/SEL	Grade or Course-specific countywide PL/planning Google Meets	Morning Meeting/SEL	Morning Meeting/SEL
9:20 - 10:20	Synchronous ELA Instruction	Synchronous ELA Instruction		Synchronous ELA Instruction	Synchronous ELA Instruction
10:30 - 11:30	Synchronous Mathematics Instruction	Synchronous Mathematics Instruction		Synchronous Mathematics Instruction	Synchronous Mathematics Instruction
11:30 - 12:00	Duty Free Lunch				
12:00 - 12:50	Teacher Collaborative Planning	PIP time for school based PL/ department meetings	Teacher planning & review of student work	Teacher Collaborative Planning	PIP time for school based PL/ department meetings
12:50 - 1:50	Additional Synchronous Support	Additional Synchronous Support	Student supports	Additional Synchronous Support	Additional Synchronous Support
1:50 - 2:50	Teacher Duty/Planning	Synchronous Content Instruction (Science, Social Studies, Health, SEL)		Teacher Duty/Planning	Synchronous Content Instruction (Science, Social Studies, Health, SEL)
2:50 - 3:50	Teacher Duty/Planning	Teacher Duty/Planning		Teacher Duty/Planning	Teacher Duty/Planning

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Middle School - Virtual

- 4x4 Block Semester Schedule
- 4 days of synchronous instruction with supporting asynchronous assignments
- 1 day of fully asynchronous learning/staff PD
- Dedicated time for additional support for students including sectionals and GT seminars
- Time for students to access meal distribution sites
- Easy transition to hybrid options

Virtual 4x4 Block

Sample MS Student

* Times subject to change based on planning efforts

Howard County Public School System

Monday	Tuesday	Wednesday	Thursday	Friday
Asynchronous Assignments Work Time 8:45 - 9:25		Asynchronous Assignments Work Time	Asynchronous Assignments Work Time 8:45 - 9:25	
Period 1 - Additional Support Synchronous 9:25 - 9:45	Period 2 Additional Support Synchronous 9:25 - 9:45		Period 1 Additional Support Synchronous 9:25 - 9:45	Period 2 Additional Support Synchronous 9:25 - 9:45
SEL 9:45 - 10:00	SEL 9:45 - 10:00		SEL 9:45 - 10:00	SEL 9:45 - 10:00
Period 1 - Synchronous Class 10:00 - 10:45	Period 1 - Synchronous Class 10:00 - 10:45		Period 1 - Synchronous Class 10:00 - 10:45	Period 1 - Synchronous Class 10:00 - 10:45
Period 2 - Synchronous Class 11:00 - 11:45	Period 2 - Synchronous Class 11:00 - 11:45	Asynchronous Assignments Work Time	Period 2 - Synchronous Class 11:00 - 11:45	Period 2 - Synchronous Class 11:00 - 11:45
Lunch/Asynchronous Work Time 11:45 - 12:45			Lunch/Asynchronous Work Time 11:45 - 12:45	
Period 3 - Synchronous Class 12:45 - 1:30	Period 3 - Synchronous Class 12:45 - 1:30		Period 3 - Synchronous Class 12:45 - 1:30	Period 3 - Synchronous Class 12:45 - 1:30
Period 4 - Synchronous Class 1:45 - 2:30	Period 4 - Synchronous Class 1:45 - 2:30		Period 4 - Synchronous Class 1:45 - 2:30	Period 4 - Synchronous Class 1:45 - 2:30
Period 3 Additional Support Synchronous 2:40 - 3:00	Period 4 Additional Support Synchronous 2:40-3:00		Period 3 Additional Support Synchronous 2:40 - 3:00	Period 4 Additional Support Synchronous 2:40 - 3:00
Asynchronous Assignments Work Time 3:00 - 3:30			Asynchronous Assignments Work Time 3:00 - 3:30	

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Virtual 4x4 Block
Sample MS Teacher

* Times subject to change based on planning efforts

Monday	Tuesday	Wednesday	Thursday	Friday
Staff Meetings/Professional Learning/Planning 8:10 - 9:25		8:10 - 11:45	Staff Meetings/Professional Learning/Planning 8:10 - 9:25	
Period 1 - Additional Support Synchronous 9:25 - 9:45	Period 2 Planning 9:25 - 9:45	Countywide Content-based Professional Learning	Period 1 Additional Support Synchronous 9:25 - 9:45	Period 2 Planning 9:25 - 9:45
SEL 9:45 - 10:00	SEL 9:45 - 10:00		SEL 9:45 - 10:00	SEL 9:45 - 10:00
Period 1 - Synchronous Class 10:00 - 10:45	Period 1 - Synchronous Class 10:00 - 10:45	Teacher planning & review of student work	Period 1 - Synchronous Class 10:00 - 10:45	Period 1 - Synchronous Class 10:00 - 10:45
Period 2 - Planning 10:45 - 11:45	Period 2 - Planning 10:45 - 11:45		Period 2 - Planning 10:45 - 11:45	Period 2 - Planning 10:45 - 11:45
Duty free lunch 11:45 - 12:15				
Teacher Planning/PIP 12:15 - 12:45		12:15 - 3:45	Teacher Planning/PIP 12:15 - 12:45	
Period 3 - Synchronous Class 12:45 - 1:30	Period 3 - Synchronous Class 12:45 - 1:30	School-based Staff meetings/ Professional Learning, Teacher planning & review of student work	Period 3 - Synchronous Class 12:45 - 1:30	Period 3 - Synchronous Class 12:45 - 1:30
Period 4 - Synchronous Class 1:45 - 2:30	Period 4 - Synchronous Class 1:45 - 2:30		Period 4 - Synchronous Class 1:45 - 2:30	Period 4 - Synchronous Class 1:45 - 2:30
Period 3 Additional Support Synchronous Session 2:40 - 3:00	Period 4 Additional Support Synchronous Session 2:40 - 3:00		Period 3 Additional Support Synchronous Session 2:40 - 3:00	Period 4 Additional Support Synchronous Session 2:40 - 3:00
Teacher Planning/PIP 3:00 - 3:45			Teacher Planning/PIP 3:00 - 3:45	

Howard County Public School System

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High School - Virtual

- 4x4 Block Semester Schedule
- 4 days of synchronous instruction with supporting asynchronous assignments
- 1 day of fully asynchronous learning/staff PD
- Dedicated time for additional support for students
- Time for students to access meal distribution sites
- Easy transition to hybrid options

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Virtual 4x4 Block

Sample

HS Student

* Times subject to change based on planning efforts

Monday	Tuesday	Wednesday	Thursday	Friday
Asynchronous Assignments Work Time 7:45 - 8:25			**Asynchronous Assignments Work Time** 7:45 - 8:25	
Period 1 - Additional Synchronous Support 8:25 - 8:45	**Period 2 Additional Synchronous Support** 8:25 - 8:45		**Period 1 Additional Synchronous Support** 8:25 - 8:45	**Period 2 Additional Synchronous Support** 8:25 - 8:45
Synchronous Flex Time 8:45 - 9:00	**Synchronous Flex Time** 8:45 - 9:00		**Synchronous Flex Time** 8:45 - 9:00	**Synchronous Flex Time** 8:45 - 9:00
Period 1 - Synchronous Class 9:00 - 9:45	**Period 1 - Synchronous Class** 9:00 - 9:45		**Period 1 - Synchronous Class** 9:00 - 9:45	**Period 1 - Synchronous Class** 9:00 - 9:45
Period 2 - Synchronous Class 10:00 - 10:45	**Period 2 - Synchronous Class** 10:00 - 10:45	**Asynchronous Assignments Work Time**	**Period 2 - Synchronous Class** 10:00 - 10:45	**Period 2 - Synchronous Class** 10:00 - 10:45
Lunch/Asynchronous Work Time 10:45 - 12:00			**Lunch/Asynchronous Work Time** 10:45 - 12:00	
Period 3 - Synchronous Class 12:00 - 12:45	**Period 3 - Synchronous Class** 12:00 - 12:45		**Period 3 - Synchronous Class** 12:00 - 12:45	**Period 3 - Synchronous Class** 12:00 - 12:45
Period 4 - Synchronous Class 1:00 - 1:45	**Period 4 - Synchronous Class** 1:00 - 1:45		**Period 4 - Synchronous Class** 1:00 - 1:45	**Period 4 - Synchronous Class** 1:00 - 1:45
Period 3 Additional Synchronous Support 1:45 - 2:05	**Period 4 Additional Synchronous Support** 1:45 - 2:05		**Period 3 Additional Synchronous Support** 1:45 - 2:05	**Period 4 Additional Synchronous Support** 1:45 - 2:05
Asynchronous Assignments Work Time 2:05 - 2:30			**Asynchronous Assignments Work Time** 2:05 - 2:30	

Howard County Public School System

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Virtual 4x4 Block

Sample

HS Teacher

* Times subject to change based on planning efforts

Howard County Public School System

Monday	Tuesday	Wednesday	Thursday	Friday
Staff Meetings/Professional Learning/Planning 7:30 - 8:25		7:30 - 11:30	Staff Meetings/Professional Learning/Planning 7:30 - 8:25	
Period 1 Additional Synchronous Support 8:25 - 8:45	**Period 2 Planning** 8:25 - 8:45	Countywide Content-based Professional Learning	**Period 1 Additional Synchronous Support** 8:25 - 8:45	**Period 2 Planning** 8:25 - 8:45
Synchronous Flex Time 8:45 - 9:00	**Synchronous Flex Time** 8:45 - 9:00	Teacher planning & review of student work	**Synchronous Flex Time** 8:45 - 9:00	**Synchronous Flex Time** 8:45 - 9:00
Period 1 - Synchronous Class 9:00 - 9:45	**Period 1 - Synchronous Class** 9:00 - 9:45		**Period 1 - Synchronous Class** 9:00 - 9:45	**Period 1 - Synchronous Class** 9:00 - 9:45
Period 2 - Planning 9:45 - 10:45	**Period 2 - Planning** 9:45 - 10:45		**Period 2 - Planning** 9:45 - 10:45	**Period 2 - Planning** 9:45 - 10:45
Teacher Planning/PIP 10:45 - 11:30			Teacher Planning/PIP 10:45 - 11:30	
Duty free lunch 11:30 - 12:00				
Period 3 - Synchronous Class 12:00 - 12:45	**Period 3 - Synchronous Class** 12:00 - 12:45	12:00 - 3:05	**Period 3 - Synchronous Class** 12:00 - 12:45	**Period 3 - Synchronous Class** 12:00 - 12:45
Period 4 - Synchronous Class 1:00 - 1:45	**Period 4 - Synchronous Class** 1:00 - 1:45	School-based Staff meetings/ Professional Learning	**Period 4 - Synchronous Class** 1:00 - 1:45	**Period 4 - Synchronous Class** 1:00 - 1:45
Period 3 Additional Synchronous Support 1:45 - 2:05	**Period 4 Additional Synchronous Support** 1:45 - 2:00	Teacher planning & review of student work	**Period 3 Additional Synchronous Support** 1:45 - 2:00	**Period 4 Additional Synchronous Support** 1:45 - 2:00
Teacher Planning/PIP 2:05 - 3:05			Teacher Planning/PIP 2:05 - 3:05	

SAMPLE

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Early Intervention and Special Education Services

- Special education services <u>must</u> be delivered as part of the general education schedule for student access

- Instructional and related services will begin on the first day of the virtual schedule

- Decisions about students having opportunities to begin face-to-face will be made when safety risks for students and staff are mitigated (Birth - 21)

Early Intervention and Special Education Services

Some considerations include:

○ What is the parent preference about face-to-face access or opportunities in Fall? (Includes ITP, PALS, community programs, Cedar Lane, Homewood-Bridges)

○ What aspects of the student's individual program can be implemented?

○ What staffing is needed to safely address students' needs while complying with their IFSP/IEP?

○ How might we change current delivery models or practices to alleviate challenges?

Virtual Learning Commitments

- Four days of synchronous lessons
- Asynchronous assignments
- Dedicated time for additional support
- Time for students to access meals
- Professional development and resources for staff
- Delivery of IEP/504/EL services
- Expectations and resources for students and families
- Chromebooks - 1:1 Pre-K to 8; prioritize HS students in need

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Professional Development/Resources

District-wide Professional Learning Workgroup
Recovery Well-being Committee

Students
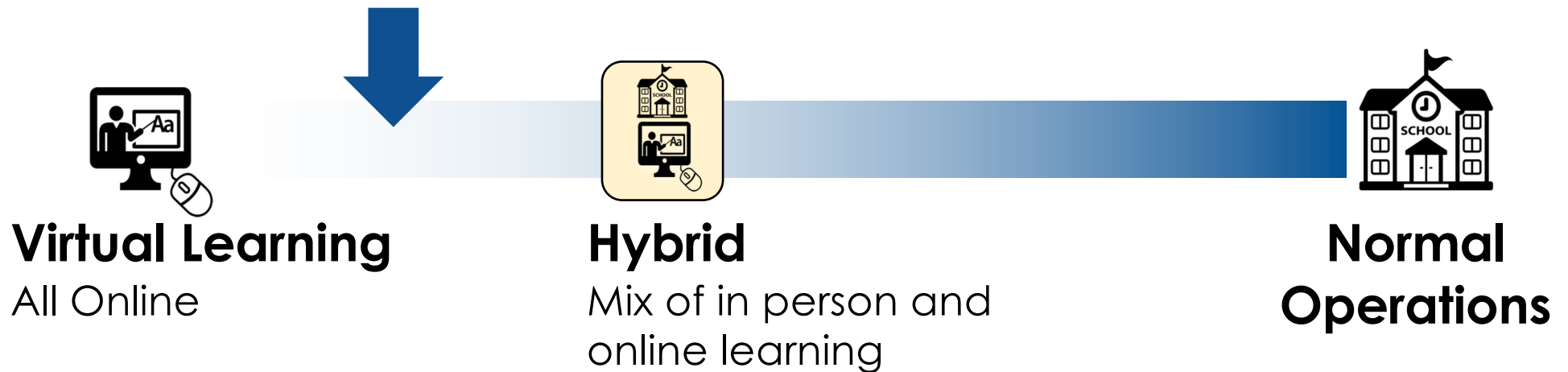
Staff

Parents/Guardians
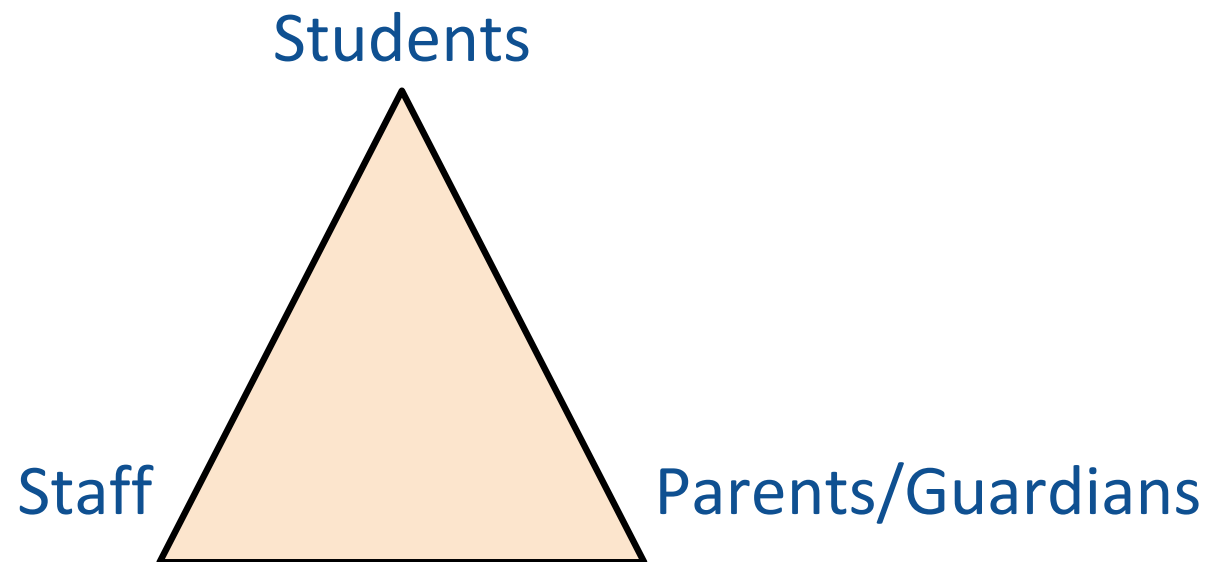
Student and Family Supports

- Continuation of meal distribution
- Expectations and resources for students and families
- Chromebooks distributed to all Pre-K to 8 students
- Remaining Chromebooks distributed to HS students based on need
- Mobile hot spots available for families in need
- Contact from schools before the start of the school year

Decisions Point #2

Reevaluation date to determine if there needs to be a shift from virtual learning (possibly 10/8)

Virtual Learning
All Online

Hybrid
Mix of in person and online learning

Normal Operations

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Factors to Consider

Factors to consider to shift from a virtual model to a hybrid or fully face-to-face model

- Guidelines from the CDC and Health Department
- Virus transmission rates for Howard County
- Training for staff and students on social distancing
- HVAC upgrades
- Providing masks and PPE as well as other health enhancements being in place
- Obtaining substitute teachers when staff are sick
- Options to go fully virtual
- Transportation logistics

Decisions Point #3

A date to come back to the Board to bring a more fully vetted hybrid model that prioritizes safety, instruction, and operations, and considers parental choice and staff workload (possibly 9/24)

Virtual Learning
All Online

Hybrid
Mix of in person
and online learning

Normal Operations
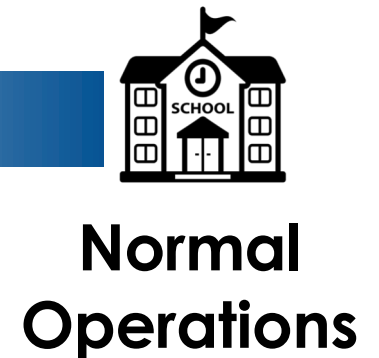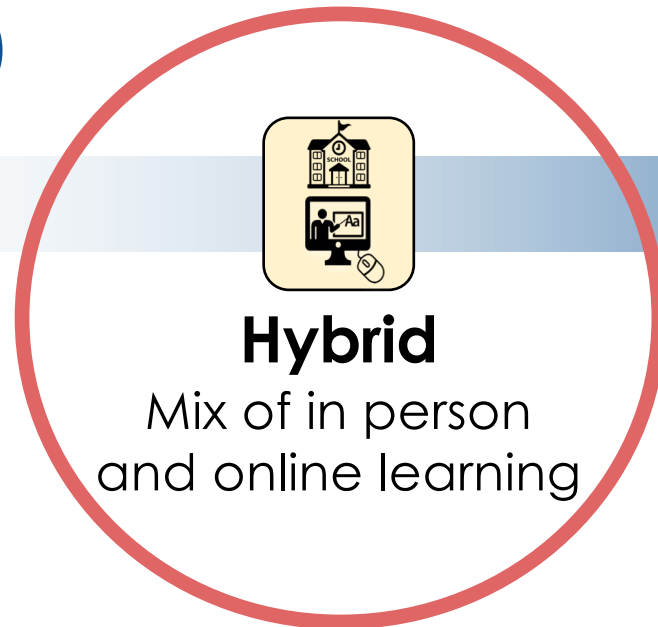
Key Dates

- August - Student and family outreach
- August 14 - Recovery Plan due to MSDE
- August 25 - First day for staff
- Aug 25-Sept 4 - Professional Learning
- September 8 - First day for students
- Sept/Oct Board Meeting - Present hybrid models
- October Board Meeting - Potential reevaluation date
- November 6 - End of first quarter

Decisions Points

- A fully virtual start to the school year for the first quarter

- A reevaluation date to determine if there needs to be a shift from virtual learning (possibly 10/8)

- A date to come back to the Board to bring a more fully vetted hybrid model that prioritizes safety, instruction, and operations, and considers parental choice and staff workload (possibly 9/24)