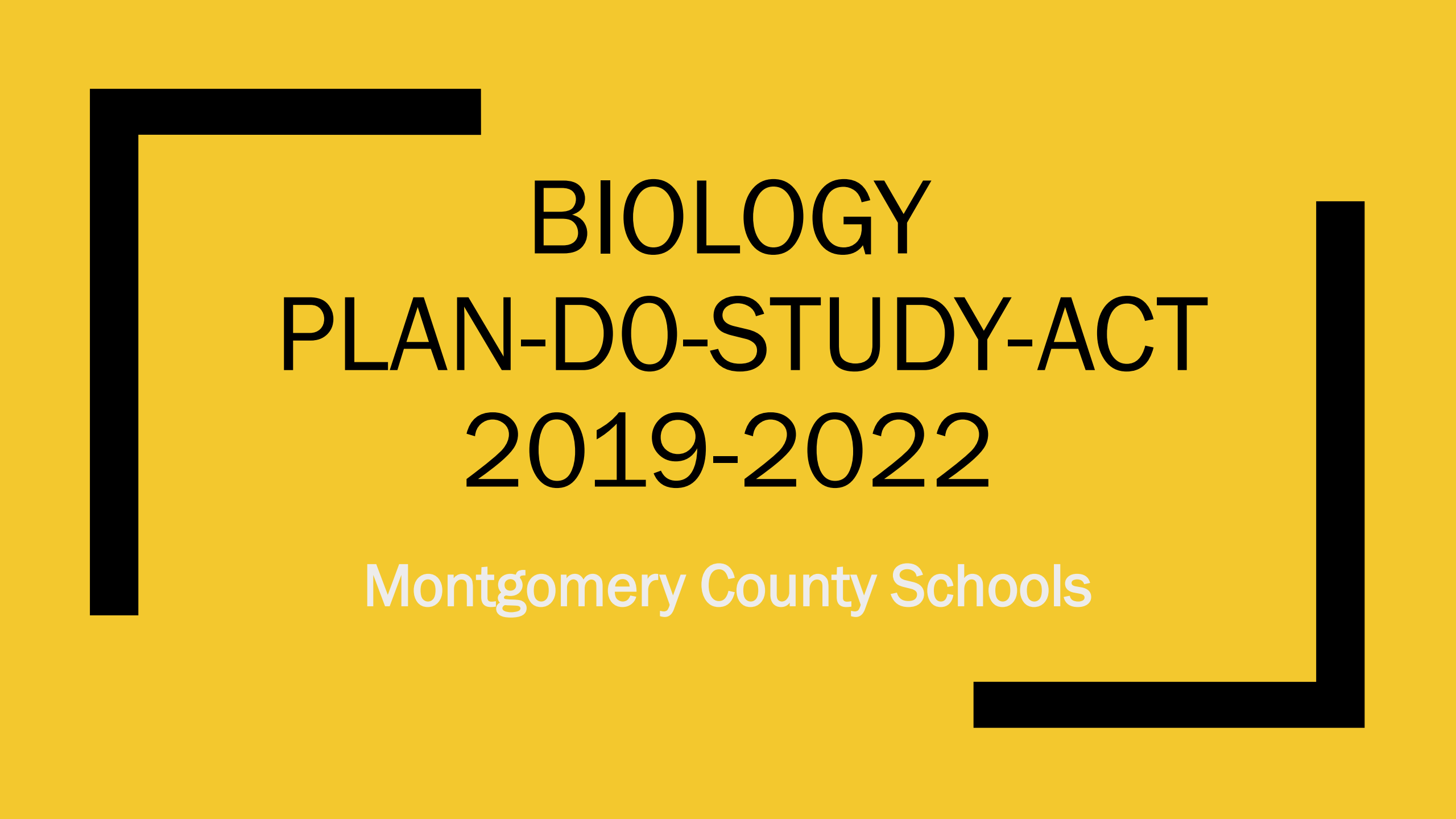




BIOLOGY PLAN-DO-STUDY-ACT 2019-2022

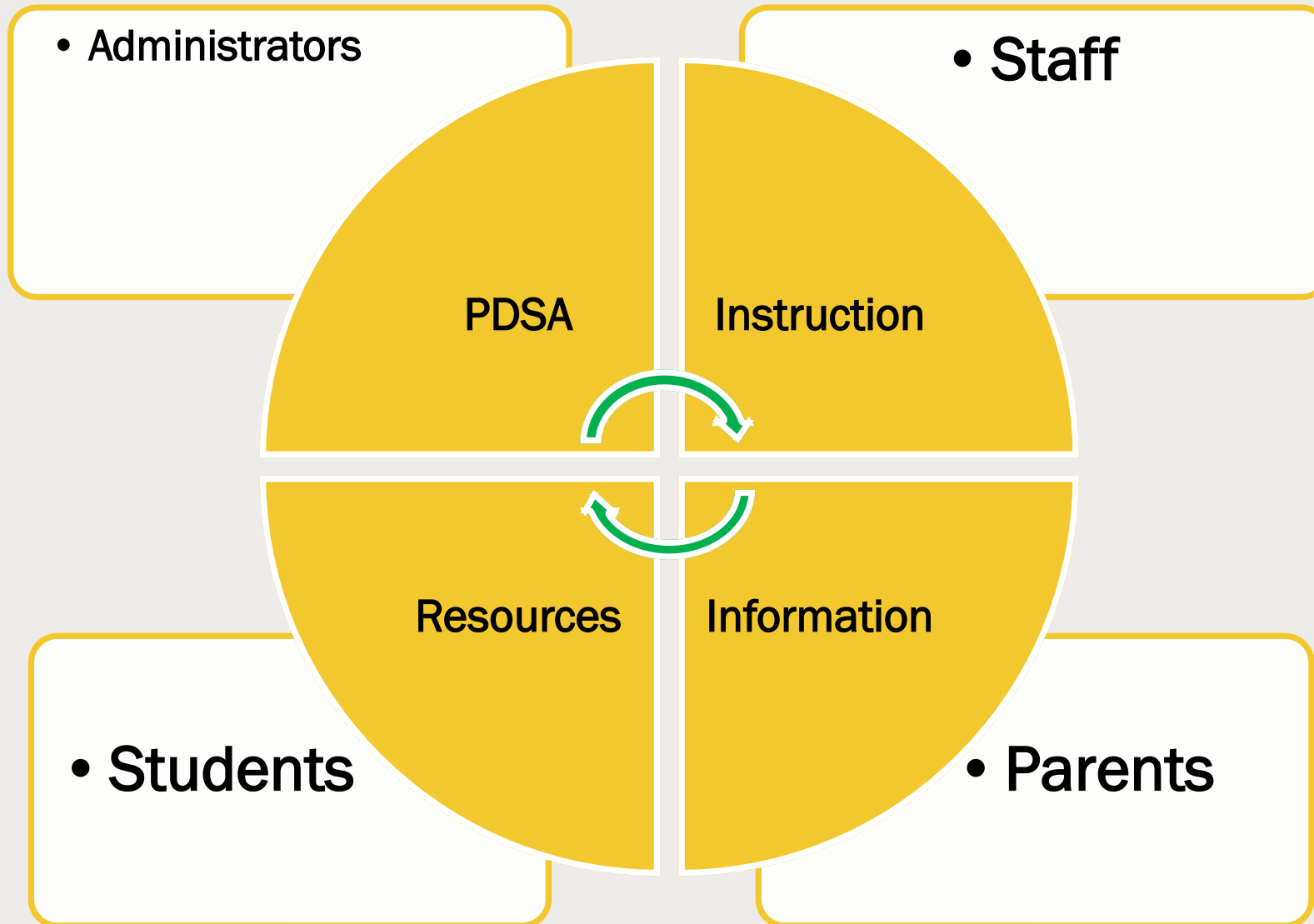
Montgomery County Schools

Presentation Overview

- Why?
- Who?
- How?
- When?
- Q & A Session

Why?

Increase Biology learning opportunities for administrators, staff, students, and parents, to increase 15 percentage points in three years.



Who?

- **Goal 3: Evolution and Genetics**-Terri Absher, Cindy Martin, Jaylan Cole, Dirk Gurley, and AJ Whitesell
- **Goal 4: Molecular Biology**-Wade Auman, Sarah Talbert, Kelly Hensley, and Alicia LeGrand
- **PDSA Data and Processes**- Takeda LeGrand and Tracy Grit
- **Special Populations** -Chuck Dulin and Jessalyn Spell

HOW?

- Plan-Do-Study-Act (PDSA) Taskforce
- Meeting bi-weekly
- Established a Deployment Plan
- Data Dive
- Internal Meetings
- School-level meetings to identify taskforce members
- School-level meetings with Principals
- Work-sessions to establish a deployment plan (attached)

November 7, 2019

1:00 - Welcome/Introductions/Call to Action
1:15-1:30- MCS BIO Goal Summary Review
1:30-2:00- MCS BIO DRAFT PDSA Goal & Trend Data
2:00-2:30- Biology Tips and Tricks w/ Beverly Vance, Section Chief, NCDPI
2:30- 3:00-MCS DRAFT PDSA and Sub Committee Work Session (Review of Current Practices and Feedback) Subcommittees: ✓ Goal 4: Molecular Biology- Wade Auman, Sarah Talbert, Alicia LeGrand, and Kelly Hensley ✓ Goal 3: Evolution and Genetics- Terri Absher, Cindy Martin, Jaylan Cole, Dirk Gurley, and AJ Whitesell ✓ PDSA Data and Processes-Takeda LeGrand and Tracy Grit ✓ Special Populations-Chuck Dulin and Jessalyn Spell

November 20, 2019

3:30 - Welcome/Objective Setting

3:35 - MCS BIO PDSA Review

3:40- Individual Resources Review (THINK)

4:00 – Team Discussion on Resources (PAIR)

- ✓ **Goal 3: Evolution and Genetics-** Terri Absher, Cindy Martin, Jaylan Cole, AJ Whitesell, Dirk Gurley
- ✓ **Goal 4: Molecular Biology-** Wade Auman, Sarah Talbert, Kelly Hensley, Alicia LeGrand
- ✓ **PDSA Data and Processes-**Takeda LeGrand and Tracy Grit
- ✓ **Special Populations-**Chuck Dulin and Jessalyn Spell

4:15- Confirm Integration of Resources (SHARE)

4:25 –Sequencing Options with Course Enrollment Analysis for MCHS–Discussion (Plus/Delta)

A. Earth Science, Physical Science, and Biology – 9, 10, 11

B. Earth Science, Biology, and Physical Science- 9, 10, 11

Resources:

MCS BIO PDSA Google Drive : <https://drive.google.com/open?id=1OojcKeTACtx-N5Bf4m6NMh0PuygJbIIk>

NCDPI Resources:

Science Google Site:

<https://sites.google.com/dpi.nc.gov/k-12science/home>

STEM:

<http://www.ncpublicschools.org/stem/>

SC&I Division Supplementary Google Site:

<https://sites.google.com/dpi.nc.gov/k-12-sci>

NCDPI Webinars

Webinar 2: [January 28, 2020](#) Focus on Disciplinary Core Ideas [Registration Link](#)

Webinar 3: [March 10, 2020](#) Focus on Crosscutting Concepts [Registration Link](#)

Webinar 4: [April 30, 2020](#) Focus on Scientific and Engineering Practices [Registration Link](#)

Testing Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Math I	English II	Biology	ACT WorkKeys*
	Math III*	ACT	

When?

- PDSA Meetings
- Weekly Cabinet Meetings
- Monthly Principal Meetings
- Bi-weekly Learning Team Meetings
- Fall 2019 Common Formative Assessment and Curriculum Alignment
- Quarterly Science Webinars by the Department of Public Instruction
- Summer Science Learning Institute by the Department of Public Instruction
- MCS Summer Vertical Alignment Work-session (Exploring this idea.)

Questions, Comments, & Ideas

