

PLAN-DO-STUDY-ACT (PDSA) All Stars of David



PDSA Cycle #1

The PROBLEM we are working to solve is...

How do we teach so that all students have access to academic challenge? Students have a wide range of needs: some students need a lot of scaffolding and support, while other students need an extra challenge for growth and engagement. How do we not just teach to the middle?

Names: Chet, Robert, Ella

Date: 1/17 - 1/24

We think this is happening because... The American education system groups students by age, which is great if you need to train a group of citizens for war, or industry, but not for the 21st century workforce. Students of all skill levels are put in the same classroom and are expected to learn the same material and pass the same tests, disregarding all levels of privilege, prior knowledge, and academic ability.

So we will TRY... (i.e. describe the CHANGE IDEA and your PLAN for testing it. Get clear on the WHAT, WHO & WHEN.)

An end-of-class survey/exit ticket with two questions:

1. How was this lesson for you? Too hard / Just right / Too easy
2. What would have been helpful to make this lesson more effective for you?

Questions: What do we want to learn from this cycle?

1. How many and which students need more support? Need more challenge?
2. What do the students think would help them learn?

Data: What data will we collect to answer our questions? (*link to simple data collection tool or design in the notes section below*)

1. Exit-Ticket style polls with our two questions.
2. We will do this exit-ticket style poll 2-3 times

We Predict... What results do you expect from your data?

Ella: 80% of students will say too hard; 10% will say just right; 10% will say too easy

Chet: 50% will say too easy, 25% will say too hard because they don't like trying, 25% will say just right

We Learned... What were the results? What are we learning?

Chet: 74% just right; 10.3% too hard; 15.4% too easy (some doubts about the validity of this though; suspicion that some students are indicating 'just right' because they don't want teacher intervention)

Ella: Not all students completed the survey, but of the ones that did, 96% said just right and 4% said too hard. More data is needed. Students said