

Plan-Do-Study-Act Cycles to test change ideas

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Aim and Objectives

Aim

To provide you with the skills to test change ideas using PDSA cycles

Objectives:

- Importance of PDSA cycles
- How you develop a PDSA cycle
- The components of testing using PDSA cycles
- How you collect and share the learning from your PDSA cycles



Delivering 10 steps in QI

KQUIP Methodology

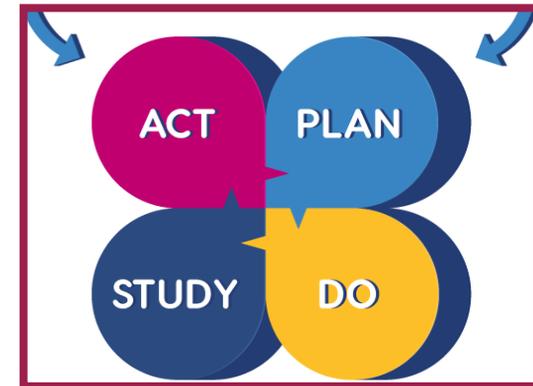
1. Agree an area for improvement
2. Involve and assemble your team
3. Understand your problem/ system
4. Define project aim and scope
5. Choose 'just enough' project measures
6. Develop change ideas
7. Test change ideas (PDSA)
8. Measure impact of changes
9. Do further PDSA cycles
10. Implement successful changes

Model for improvement

What are we trying to accomplish?

How will we know that a change is an improvement?

What change can we make that will result in improvement?



IHI Model for Improvement

Share your progress

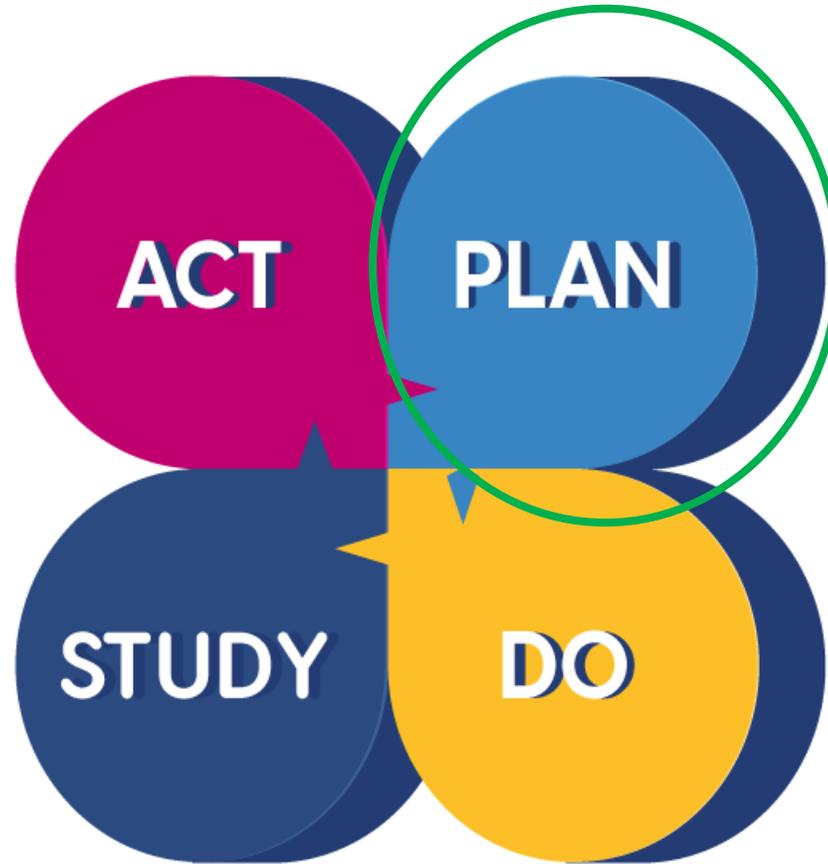
Prioritising change ideas



Testing change ideas

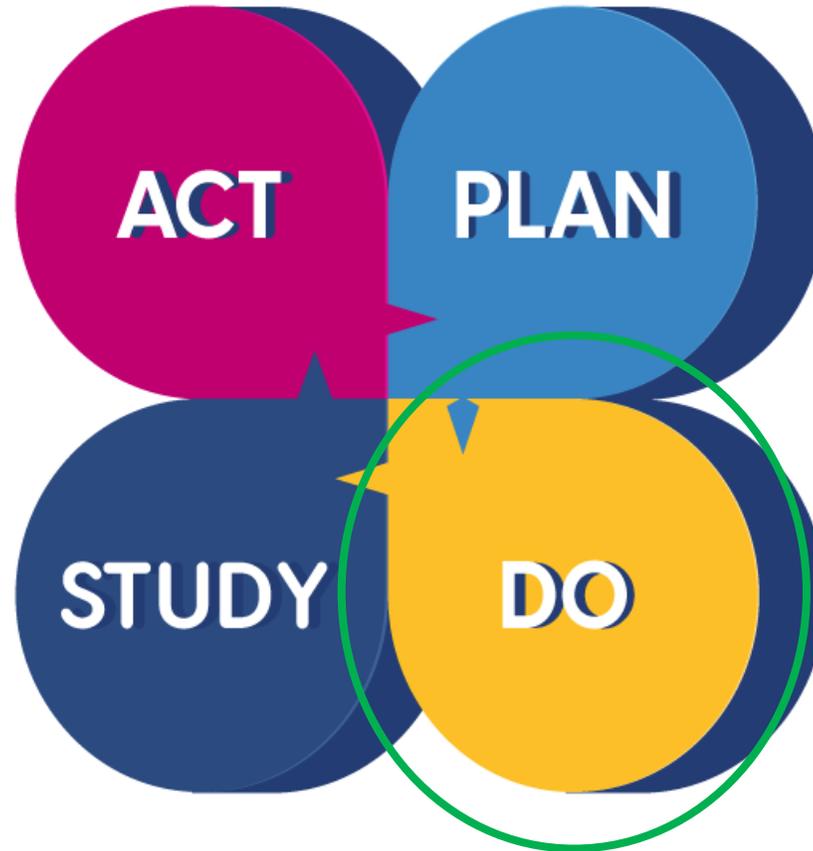


PLAN



PREDICT

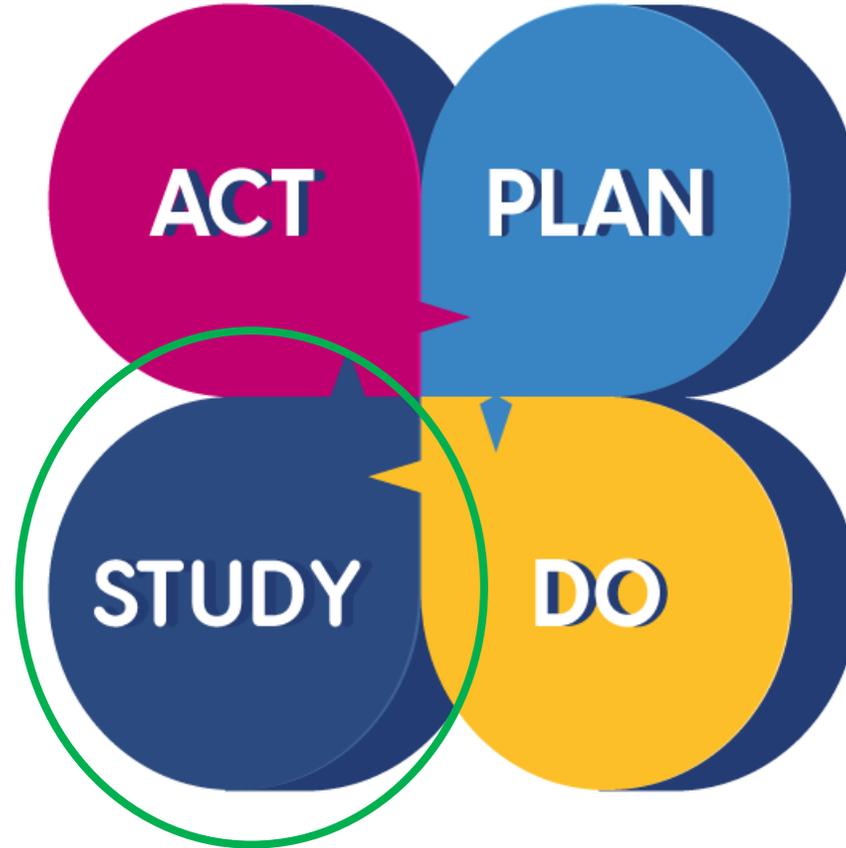
Do



Study



COMPARE



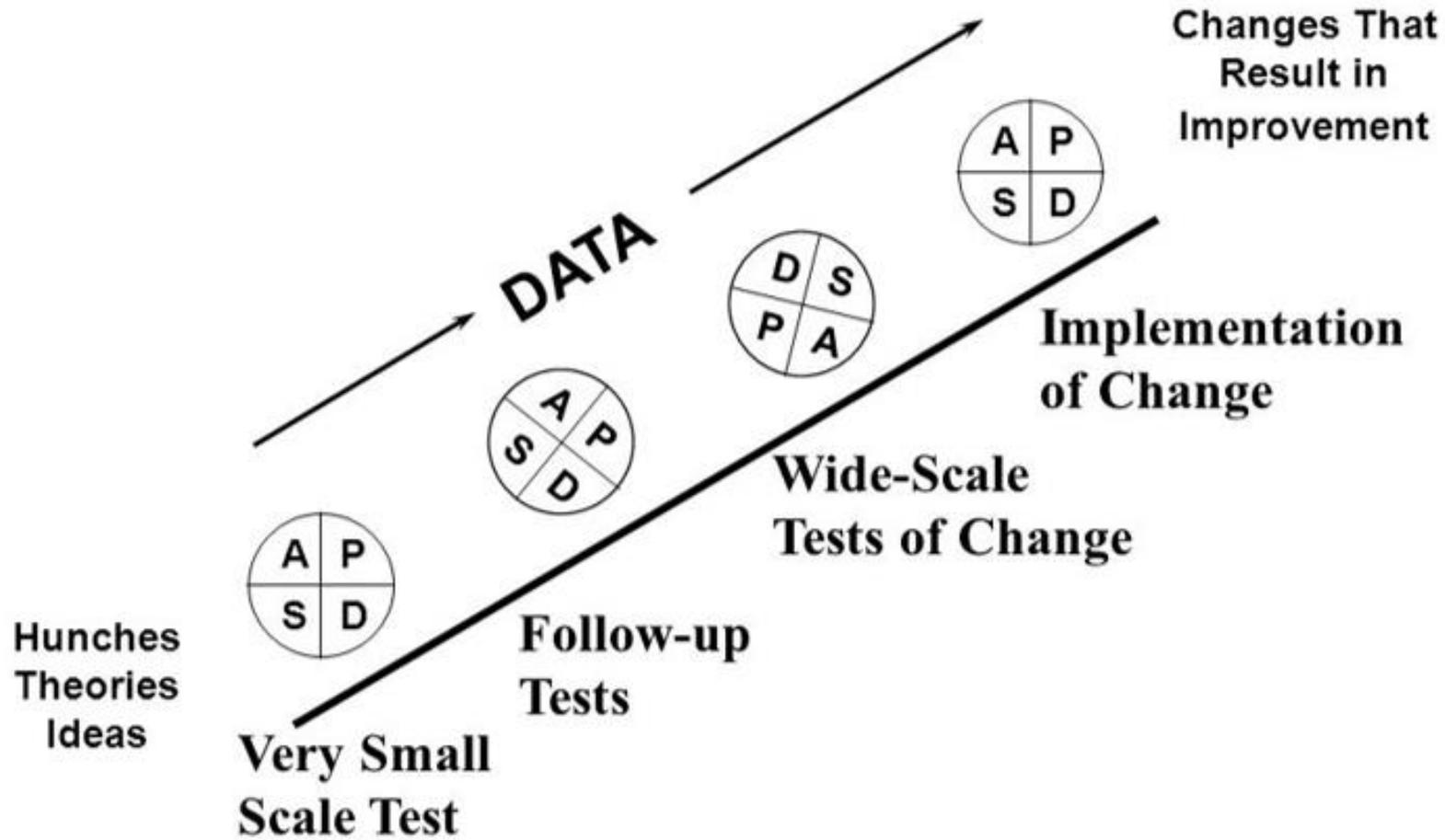
Act



NEXT



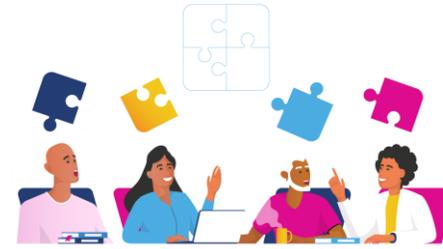
A run of PDSA



PSDA - Top tips



Plan multiple cycles to test



Test on a really small scale



Test with those who believe in the improvement



Only implement the idea when all possibilities have been exhausted

Developing further



[How to plan your PDSA with your team](#)

[Benefits of using PDSA](#)

[10-easy-ways-to-create-great-change-ideas](#)

Over to you to prioritise and start planning your PDSA (30mins)



Activities:

1. Prioritise your change ideas from driver diagram
2. Pick one change idea to implement
3. Plan your first PDSA – who, what, where, when, what do you predict will happen