

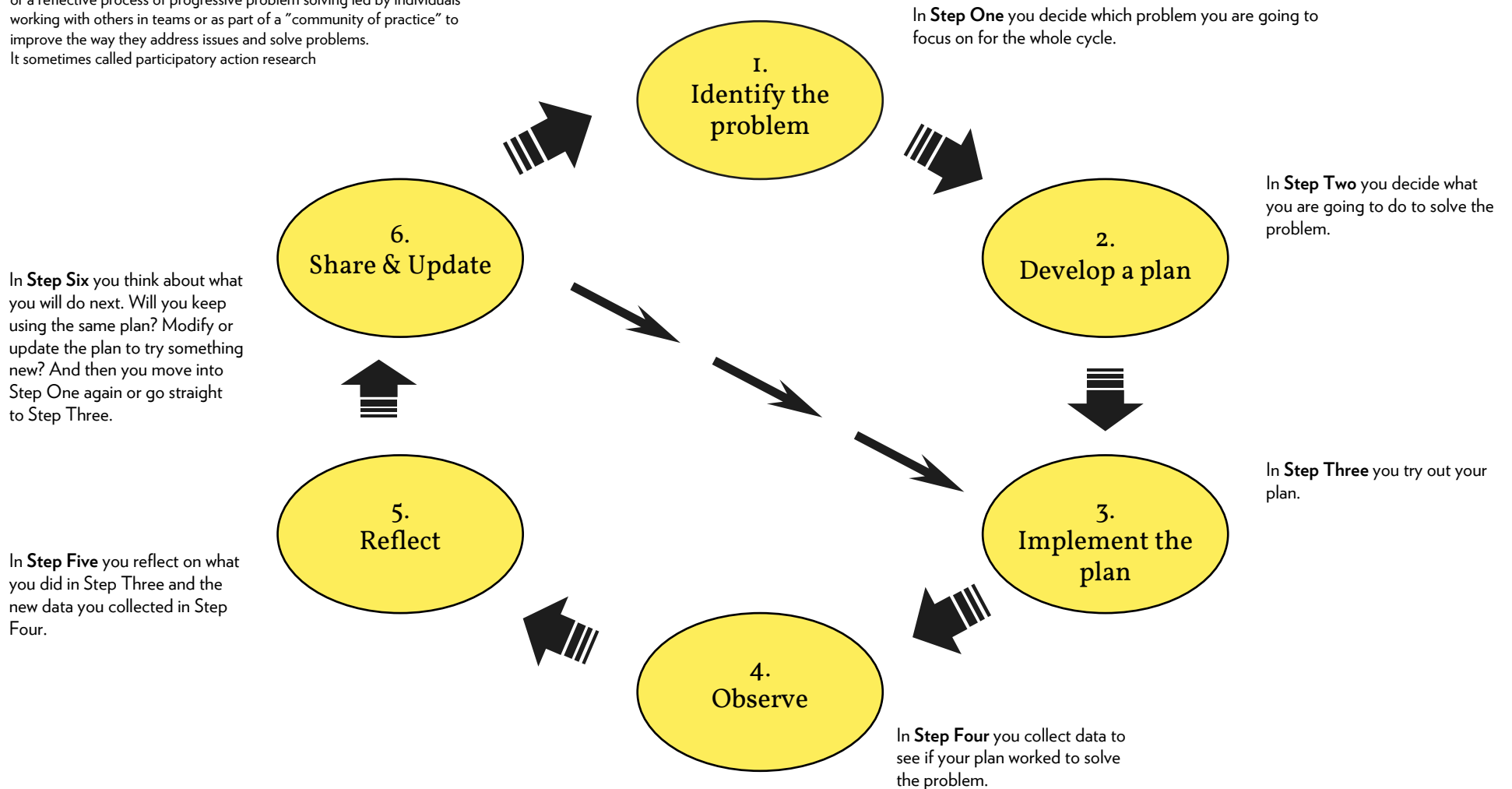
Major AR Design Challenge Action Research



Start
Discovery

Understand the cycle

Action research is a research initiated to solve an immediate problem or a reflective process of progressive problem solving led by individuals working with others in teams or as part of a "community of practice" to improve the way they address issues and solve problems. It sometimes called participatory action research



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Step 2
Ideate

Brainstorm solutions: 30 minutes

You are now moving into the second stage of the Action Research cycle.

Imagine as many solutions as possible to the problem you wish to solve. You might need to break down the solutions into smaller strategies, or you might have more than one solution.

At the same time, think about what kinds of data you could collect to show whether your solution has worked or not.

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Step 2
Interpret

Develop the action plan : 30 minutes

In Step Two you will develop a plan to solve the problem you have identified in Step One.
TIP: Choose one or more of the solutions from your brainstorming

What can we do to achieve this objective/target (your strategy)?	Who will be responsible for implementing this strategy?	What local resources (people or materials) might be useful	When will this strategy be implemented?	How will you measure success? What are your indicators?	What data will you need to tell if you have attained your target?	Where will you get this data?

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Implementation time
3 weeks



Step 3 Experimentation

Implement the plan : 3 weeks

In Step Three you will try to implement the plan you developed in Step Two

TIPS:

- it is a good idea to try out one idea first rather than trying to do a lot of new things all at the same time;
- even if your strategy doesn't seem to work, keep records of what you did and collect data about it;
- talk to your colleagues about what you are trying to do; and
- keep a record of any questions or problems, take photos, record video, interview participants and write notes

Two columns of horizontal dotted lines for taking notes.

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Step 4
Evolution

What happened: 30 mins

In Step Four examine what happened during your Action Research

The important part of this template and step is describing your results in as much detail as possible.
The first three columns of this template use information from your Action Plan.

From your Action Plan (i.e. from Step 2)	From your Action Plan (i.e. from Step 2)		Results
What did you do to solve your problem? What was your strategy? (how/way to solve the problem)	How did you measure success?	What evidence did you use?	Did this work? Why/Why not?

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Step 5
Evolution

Reflect on what happened: 15 mins

Step Five is very important because it is here that you reflect on your success or difficulty with solving your problem.

Reflecting on your actions will help you think about improving your solutions.
Reflect on both your strategies and the results of implementing the strategies by answering these questions:

Why were your strategies successful or not successful?

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.....

How did outside/internal factors impact on the implementation of your plan?

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.....

What would you do differently next time?

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.....

Do you need to collect more or different types of data?

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.....

If your strategy did work what would you do to improve it further to use again?

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.....

How did the strategy help you achieve your target to solve the problem?

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.....

What else do you have to do to achieve the target?

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Step 6
Evolution

Use results to update and modify plan: 15 mins

In Step Six of the Action Research Cycle you begin to consider how you can continue with the cycle through modifying and updating or changing your plan.

Use all the information you have collected in each of the previous stages to help you decide what to do next.

Are you going to create a new plan? Or develop a modified plan?
How will the new plan be different from the original plan?

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Will you continue to work on the same problem? Or modify the existing problem? Or work on a new problem? Why have you made this decision?

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What have you learned from doing the first five steps of the Action Research cycle?

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Step 7
Share

Share results with colleagues and others: 30 mins

- Sharing your results with others will help others learn about your work and the Action Research process;
- Action Research can become part of your professional learning done in clusters and with other groups;
- sharing the Action Research process with others may result in a more sustainable use of this process;
- clusters or groups may want to undertake an Action Research project together after hearing about the individual projects completed;
- sharing your results with your community will show the community that they can take ownership of their problems and find solutions to them; and

List all parts of the project that you would share with others? For example, data collection methods, results, strategies you used.	Who do you want to share information with? Be specific – who, where and when?	How? What is the best way to pass on this information? Develop a plan for the sharing.