

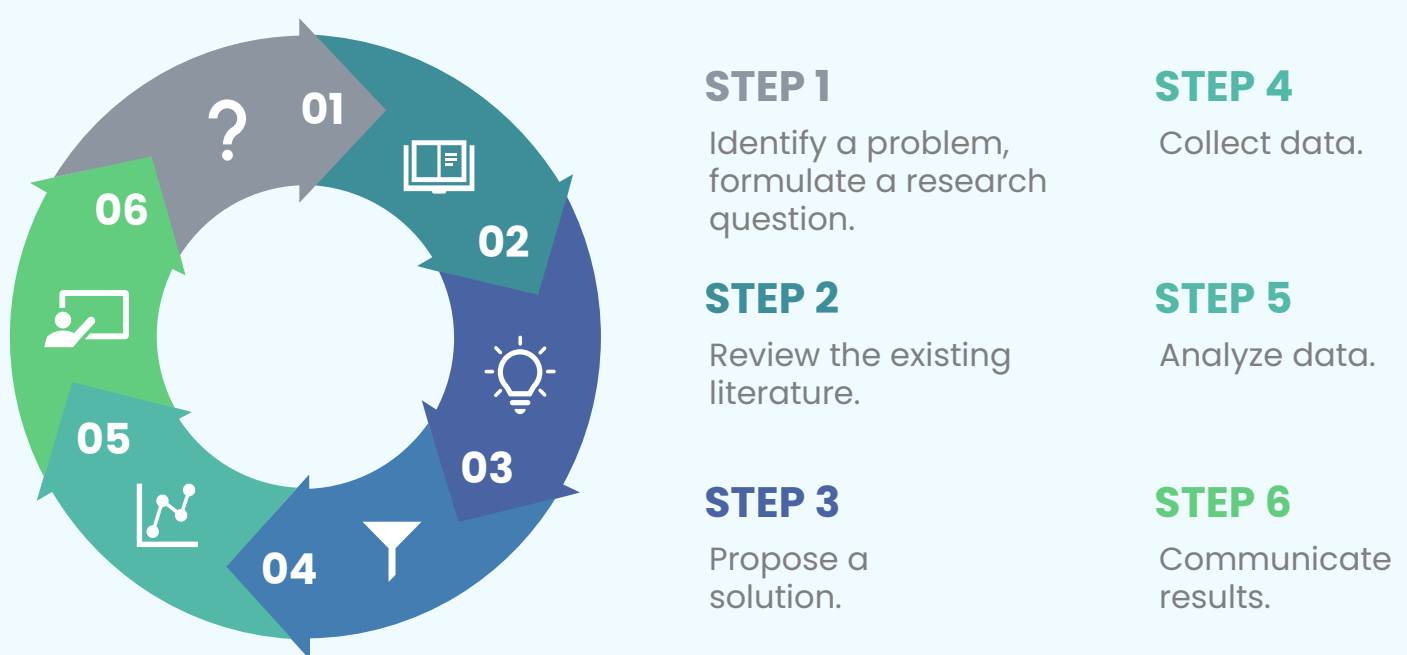
# Action Research Infographic

Action research is a process for instructional improvement that involves identifying a problem and testing a potential solution.

## How Does Action Research Differ from Traditional Research?

Traditional Research	Action Research
<ul style="list-style-type: none"> <li>Purpose is to increase knowledge</li> <li>Separate from the practice of teaching</li> <li>Subjects being studied are unknown</li> <li>No action is taken after the research has been completed</li> <li>Formal presentation process</li> </ul>	<ul style="list-style-type: none"> <li>Purpose is to make changes</li> <li>Done as part of the practice of teaching</li> <li>Subjects are your own students and/or colleagues</li> <li>Action is taken after research to test a solution</li> <li>Informal presentation process</li> </ul>

## The Action Research Process



### STEP 1

Identify a problem, formulate a research question.

### STEP 2

Review the existing literature.

### STEP 3

Propose a solution.

### STEP 4

Collect data.

### STEP 5

Analyze data.

### STEP 6

Communicate results.

## Action Research Areas of Interest

Areas of Interest	Example Areas of Research
Assessment	<ul style="list-style-type: none"> <li>✓ Standards based grading</li> <li>✓ Open-note tests</li> <li>✓ Projects or portfolios as a form of assessment</li> <li>✓ Rubric based grading</li> <li>✓ Retake policies for failed tests</li> </ul>
Your Specific Content Area	<ul style="list-style-type: none"> <li>✓ Reading fluency or comprehension</li> <li>✓ Memorization of math facts / fact fluency</li> <li>✓ Ability grouping in math or reading</li> <li>✓ Phonemic awareness</li> <li>✓ Improving writing fluency of ELL students</li> </ul>
A Specific Teaching Strategy	<ul style="list-style-type: none"> <li>✓ Lecture and note-taking</li> <li>✓ Guest speakers</li> <li>✓ Videos with embedded questions</li> <li>✓ Cooperative learning</li> <li>✓ Peer tutoring</li> </ul>
Classroom Management	<ul style="list-style-type: none"> <li>✓ Before or after school routines</li> <li>✓ Transition activities</li> <li>✓ Recess behavior</li> <li>✓ Assigned seating vs. flexible seating</li> <li>✓ Student engagement</li> <li>✓ Daily class meetings</li> <li>✓ Behavior contracts</li> </ul>
Outside Factors	<ul style="list-style-type: none"> <li>✓ Food insecurity</li> <li>✓ Homelessness</li> <li>✓ Mentoring programs</li> <li>✓ In-school buddy programs</li> <li>✓ Chronic absenteeism</li> <li>✓ Parent involvement</li> </ul>