

1

Identifying Challenges Fact Sheet

Required Elements

- Link to the future scene (how the challenge logically relates to the future scene)
- The challenge itself
- Why the challenge is a challenge

Recommended Procedures

- Begin brainstorming alone, generating the ideas that occur to you immediately.
- Write down your ideas in two or three words on color sticky notes.
- After a few minutes, assemble as a team and briefly describe your ideas in round-robin style.
- Jot down ideas that occur to you as you hear the ideas of others (hitchhike).
- Continue brainstorming, saying your ideas aloud as you go.
- Analyze every line, moving away from holistic points of view.
- Use the category list to improve flexibility.
- Stop at a given point even if you haven't reached a pre-selected goal.
- Consolidate similar ideas to avoid duplication.
- Select the best 16 ideas to write in the booklet. (The person who contributed most to the idea should probably write the idea in the booklet.)
- Use the process that works best for your team.

Scoring Scales

Fluency - number of likely challenges (1 - 10 points)

- (Y) Yes (only score to receive credit)
- (P) Perhaps
- (S) Solution
- (D) Duplicate
- (W) Why

Flexibility - number of identified categories (1 - 10 points)

Clarity - quality of the written expression (1 - 10 points)

Originality Bonus - rare and insightful (3 points)

Reminders

- Must come from information in the future scene
- May be either a consequence or a cause
- May be a problem (positive) or a goal (negative)
- Must be stated in terms of possibilities (may, might, could)
- Challenges are cause and effect relationships from the future scene.

What **NOT** To Do

- Don't keep writing until you lose your point. Be concise and stick to the point.
- Don't identify the most extreme consequence possible for each challenge. Be practical and only identify *likely* consequences.
- Don't repeat the same idea simply changing the settings. Duplicate scores in Future Problem Solving don't mean identical; they mean "similar in context."
- Don't worry about a few blank entries. You will receive credit for everything you do, and time pressure may force you to move on to the next step without writing all 16 challenges.

Rules for brainstorming

- Quantity over quality
- Defer judgement
(no criticism)
- Hitchhike (piggyback)
- Freewheel

2016-17 Topics

- Educational Disparities
- It's All in the Genes
- 3D Printing
- Identity Theft
- International Conference
announced in March

Power Strategy

- Write the categories list on a color sheet of paper after the session timing begins. Using a color sheet makes it easy to find when needed.

Categories

- Arts & Aesthetics
- Basic Needs
- Business & Commerce
- Communication
- Defense
- Economics
- Education
- Environment
- Ethics & Religion
- Government & Politics
- Law & Justice
- Physical Health
- Psychological Health
- Recreation
- Social Relationships
- Technology
- Transportation
- Miscellaneous