

Wisconsin Future Problem Solving
Affiliate of Future Problem Solving Program International

Scenario Writing

Basics for Coaches
2022-2023



IMPORTANT!

- An adult MUST proofread the story and help students correct spelling, punctuation, and grammar.
- WORD documents submitted MUST be checked to be sure they meet the requirements.
- Stories that do not meet the requirements when opened will be RETURNED to be fixed.

Entries due Tuesday, January 17, 2023
Entry fee \$25

Wisconsin Future Problem Solving Scenario Writing Competition 2022-2023



What is Scenario Writing?

Scenario writing is an individual competition in which students develop short stories of 1500 words or less. The story has a single author, is set at least 20 years in the future, is related to one of four topics for the year, and is an imagined but logical outcome of actions or events taking place in the world today. It is written as though the future were the present.

Why Scenario Writing?

To prepare students for the challenges of the 21st century, the Future Problem Solving Program International teaches students to think critically, creatively, and futuristically. The Scenario Writing component of FPSPI strives to help students enlarge, enrich, and make more accurate their images of the future, while honing their creative writing skills. Scenario writing personalizes the ever-growing perspective a student has on the future. A rubric-based authentic evaluation is provided, giving students feedback for continued growth.

Who can participate in Scenario Writing?

Students may participate in Scenario Writing in three divisions: Junior (grades 4-6), Middle (grades 7-9), and Senior (grades 10-12). For students who participate in the Global Issues Problem Solving component of FPSPI, Scenario Writing can serve as an excellent complement to their work on any of the annual topics. Scenario Writing is also an excellent offering for students who do not participate in other components of FPSPI; the creative writing involved may appeal to students who are not drawn to the team orientation of the other components. Scenario Writing can be used as a stand-alone activity by an FPS coach, an English teacher, a parent, or any instructor with students who are interested in creative writing.

Scenario Topics 2022-2023

- E-Waste
- Digital Realities
- Robotic Workforce
- Throw Away Society

Do students need to know the six-step creative problem solving process for Scenario Writing?

The creative problem solving process is used in the Global Issues and Community Problem Solving components. Although knowing the process can help students to think about the future, it is not a prerequisite for Scenario Writing. Since scenarios must relate to one of the annual topics, it is important that students complete background reading and research on their chosen topic.

How can I get started with my students?

The best way to become acquainted with scenarios is for you and your students to read many of them. See the Scenario Writing Essential Publications page for more information. You can purchase past Wisconsin winners and International winners at wisfps.org.

Excerpt from *Asphodel*

Senior Division, Topic: Human Environment Impact
2021: 1st Place Wisconsin FPS, 3rd Place, Int'l FPS

“Darling, come down from there,” Miriam calls below her, soft and bright, highlighted against the sky with Bodhi propped up on her shoulders, and Jayna is weak for the love of them.

“Just a moment!”

Jayna shifts, brittle bark crumbling beneath her fingers, looking out once more at the desolate landscape that stretches out before them; nothing but the skeletal remains of vegetation, bone white trees that bear no leaves. Gas hangs in the distance, a distinct, poisonous yellow clouding her view of the mountains that loom ahead.

She grinds her teeth a little. The gas looks thick, might actually *be* poisonous, and there’s no telling what it’ll do to her or Miriam, much less a child like Bodhi, Otherling though he is. But there it is, all the same, and they’ve been delayed enough. If they want to make it to safety at Elysium before Sun-dark and the deadly winter it heralds, they cannot afford the time it will take to go around.

How much help should I give?

The student’s writing must be original. As a coach, you may read the student’s work, ask questions that occur to you as a reader, and make general suggestions for improvement. Authors must receive adult help to correct spelling, grammar, and punctuation errors. Students should complete multiple drafts.

How are scenarios evaluated?

Scenarios are read and scored by experienced evaluators who consider these elements: creative thinking, futuristic thinking, idea development, style/voice, character development, mechanics/structure, and topic related research. See the Scenario Evaluation page for more info.

How do I enter student work for Scenario Writing?

Follow the requirements for submitting entries as outlined in this document. Entry forms can be found at wisfps.org. Click on Registration & Fees. Entries are due mid-January.

What are the levels of competition?


Wisconsin selects three winning scenarios in each division. The writers of these winning stories will be invited to attend the opening activities on Thursday evening at State Bowl, where they will read the scenarios at a division session. The stories will be published in an anthology. All writers who score well in the first round of evaluation will be invited to participate in the Scenario Writing Team Competition at State Bowl. First-place and some second-place winners are eligible to compete in the Scenario Writing Competition at the International Conference in June.

Note: As of 2022-23, there is no additional competition between Wisconsin State Bowl and the International Conference.

Scenario Writing Requirements 2022-23

Please distribute to students who are preparing scenarios for competition.

STORY CONTENT

At least 20 years in the future	A scenario is a story that might take place as a logical outgrowth of actions or events that took place earlier. It is a prediction of the future and must be written <i>as though the future were the present</i> . Futuristic concepts and trends are incorporated into the scenario, but a specific date is not required.
Develop a character	We should really get to know at least one character – thoughts, feelings, actions. One or two main characters are enough, with perhaps one or two additional minor characters at most. There is not enough length to develop multiple characters.
Related to one of the FPSPI topics	<div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <p>The scenario must have a recognizable relationship to one of the topics for the year. You can find descriptors for the topics in this document. It should be obvious which topic you are using when reading the story. <i>Readings, Research, and Resources</i> has chapters with an overview and article summaries on the topics. These can be purchased at fpspimart.org.</p> </div> </div>

DOCUMENT DETAILS – Coaches check all before submitting!

Max of 1500 words	Use a WORD doc computer count of words. The title is not included in the count.
Title on first page	Center the title on the first page of your story. Use bold 14-point font. No author’s name, school, or affiliate may appear in the story document.
Double-spaced; 1” margins	Double-check this! Use double spacing, not space-and-a-half! Tab to indent paragraphs but do not put extra space between them unless to show the passing of time. Use 1-inch margins, not 1.25 inches.
12 point font	The font MUST be 12-point and easily readable. Use Arial, Cambria, Calibri, Times, or Times New Roman. DO NOT use script fonts or all caps.
Adult proofing	An adult MUST proofread your work and assist you to correct errors in spelling, punctuation, and grammar. The adult should not change your word choices. (See Guidelines for Adult Proofreaders for details on proofreading.)

ENTRY SUBMISSION – All must be submitted by the COACH. Label correctly!

Document	Format	Label document	Submit
Scenario Story	Microsoft WORD only	Junior Smith Story Middle Jones Story Senior Anderson Story	By e-mail to martha.wisfps@gmail.com Do NOT send files with Google Docs.
Scenario Entry Form	Microsoft WORD only	Junior Smith Entry Middle Jones Entry Senior Anderson Entry	
Publication Release	PDF scanned & e-mailed	Single student or batch from coach: Junior Smith Release (stud) Junior Coach Bauer Releases (coach)	
Fees	\$25 per scenario. Check or cash mailed, PO’s mailed or e-mailed		If mail, by postmark date: Wisconsin FPS 3318 Conservancy Lane Middleton, WI 53562

All four parts of the entry must be e-mailed or postmarked by January 17, 2023



**If your students use Google Docs,
the COACH must make all the conversions and corrections
and submit in the correct PDF and WORD formats**

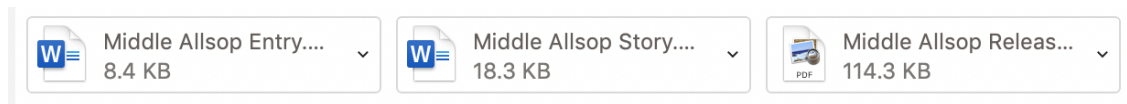
While your students may write their drafts in Google docs, we do NOT accept submissions that are sent via Google Docs or Google Drive. These are some examples of what we do not accept:



Conversion information

- Even though the examples on the left above show extensions of .pdf and .docx, when you click on them, they are NOT YET pdf and Word documents. They are still Google documents.
- After clicking any of the examples above, they must be DOWNLOADED to the computer desktop and then ATTACHED to an email. All computers have pdf software. To download the .docx ones, the computer must have Microsoft Word software.
- After downloading the Story documents, you MUST recheck them for formatting and word count. These are some things that may not convert correctly:
 - Word count – In 2020 a story with a word count of 1500 in Google Docs had a count of 1593 in Microsoft Word, which is the official count. This story had to be edited down to 1500 words.
 - Line spacing
 - Paragraphing
- Note: Release PDFs must be scanned PDFs, not photos taken and turned into PDFs.

Submitted documents must be attached and look like this:



All documents MUST be titled correctly

- Division/Last Name/Release or Story or Entry
- There must be a space between each word
- The sample on the right above (MiddleNathansonRelease) is not labeled correctly as there are no spaces between the words; the rest are labeled correctly

Why so picky about the document titles?

- When titled correctly, the documents line up by division and then by last name when put into the same computer folder.
- This makes them easy to find. This is absolutely essential when dealing with 60-120 submissions, each with 3 documents.
- Organizing all of the documents and checking all of the word counts is already a time-consuming process. If labeled incorrectly, documents will be returned to be renamed and resubmitted!
- Note: Many STORIES have mistakes in formatting: titles, paragraphing, line spacing, fonts, etc. Please check these and indicate they are correct on the entry sheet.

Scenario Writing Topics 2022-23

Click [HERE](#) for a video introducing the 2022-23 topics.
The links to Suggested Readings for each topic are found [HERE](#).

E-Waste (Practice Problem 1, 2022-23)

Electronic devices are often replaced with the latest version at an alarmingly fast pace. These constant upgrades add to e-waste, significantly impacting the environment and reducing natural resources while consumer demand is being met. Tens of millions of tons of such materials are discarded every year worldwide. Electronic products are full of hazardous substances such as toxic materials and heavy metals that can threaten humans, plants, and animals. One method of disposal often employed by developed states is to offload e-waste to low-income countries for resale or demolition. This offloading places developing nations at greater risk of exposure to toxic chemicals and materials. Meanwhile the high rate of device upgrades in developed countries has significant consequences for both people and the environment.



What impact does planned disposal have on the amount of e-waste? What incentives can be developed to promote software upgrades for existing devices? As the appetite for ever-increasing technological devices continues, what are the implications for how we dispose of these devices? How can more effective and ethical responses to recycling and disposal policies be encouraged to protect human life and the global environment in the future?

Digital Realities (Practice Problem 2, 2022-23)



Technologically, virtual reality is widespread and expanding its application through augmented, enhanced, mixed, and other forms of digital realities. The options and opportunities for its application appear boundless through the integration of 3-D images, gaming, computer-assisted instruction, equipment simulators, and entertainment platforms. The imposition of holographic images over real-world views have applications ranging from education, archaeology, and engineering, to sports training, video games, and artistic expression. The utilization of augmented reality technology is already making significant changes to the manufacturing industry.

What other industries will it revolutionize? The inclusion of haptic, visual, and auditory overlays can be both constructive and destructive to users. New opportunities are provided to individuals with disabilities. New treatments are made available to the ill. How will enhanced reality impact human interactions? Digital reality is constantly evolving with advantages for all fields. How will we deal with the fiscal, educational, and psycho-social issues that might arise?

Robotic Workforce (Qualifying Problem, 2022-23)

Machines were developed to assist with dangerous and difficult jobs. At present, unskilled human labor is being replaced with robotics more quickly than at any time in history. Advancements of such machines move technology closer and closer to lights-out manufacturing. In countries with robust national safety nets, these changes are viewed as inevitable, and they have begun to explore new human employment concepts. Robotic workers often provide for human safety as in the case of bomb disposal. Laborers are fearful of how these looming employment changes and uncertain of how their work life will proceed. A robotic workforce's effects go beyond manufacturing as university-trained individuals such as lawyers and accountants are already being impacted by automation.



What will the human workforce of the future look like? Will specialized training and education be needed for a combined human and robotic workforce? What will our future work force look like? How will our future economy be impacted by robotics in the workforce?

Throw Away Society (Affiliate Bowl, 2022-23)



Consumerism has promoted a 'throw-away' society – one in which people do not keep things for very long, preferring single-use and disposable items. This societal approach leads to overconsumption of short term items instead of durable goods that can be repaired. Widespread social influencing often encourages people to focus on the consumption, ownership, and display of material possessions to mark an individual's social status, identity, and standing. This impacts the environment, lifestyles, and distribution of wealth. Consumerism stretches the world's limited natural resources. Production is dictated by consumer demand, and businesses try to provide consumers with a growing number of options, including branded goods, to stay afloat. Many products are often fads or are adapted and modified regularly to entice consumers to buy the upgrades despite already having durable ones. Constant upgrades are sought in an effort to achieve greater social standing through material possession instead of meaningful acts.

How can societies value all of their members while allowing for - and encouraging - individual perspectives and desires? What are the appropriate balances between local values and global aspirations for consumers?



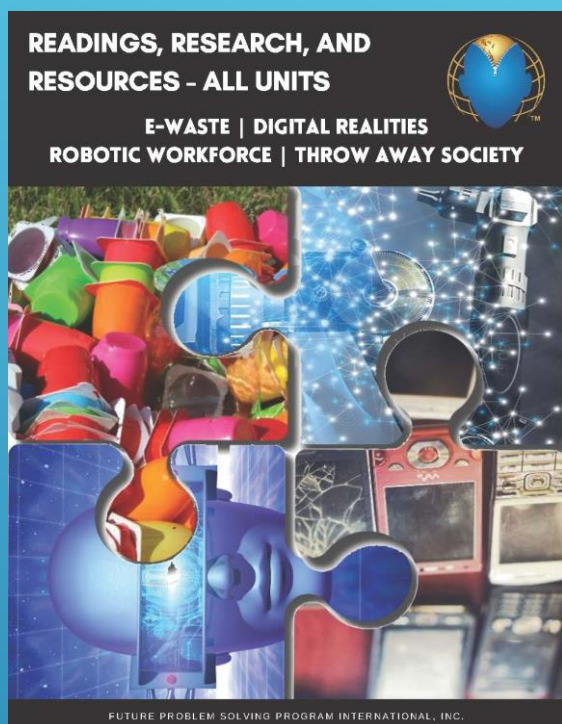
FPSPi
FUTURE PROBLEM SOLVING PROGRAM
INTERNATIONAL



Scenario Writing Essential Offerings

Available for purchase at www.fpspimart.org

Readings, Research, and Resources



\$69

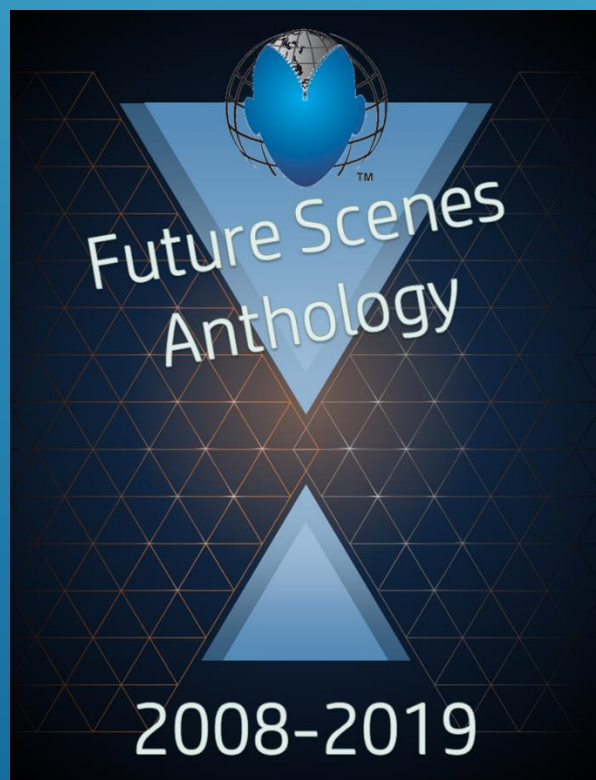
Provides essential background information on the topics for scenario writers and performers.

- Terms and Definitions
- Topic Overview
- Q&A
 - Includes narrative writing questions
- Article Summaries
- Digital Resources

Future Scenes Anthology

\$26

With Future Scenes from 2008-2019, Scenario Performers can find inspiration in these stories and topics!



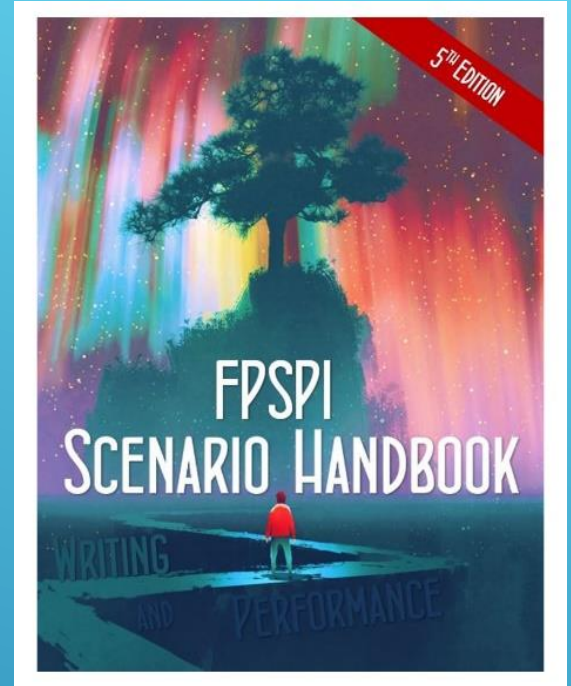
Scenario Writing Essential Offerings

Scenario Handbook

Designed to help teachers effectively guide students in Scenario Writing and Scenario Performance.

- Explanations of scenario development
- Classroom activities
- Award-winning student work

\$42



Into the Future: A Kid's Guide to the Process of Scenario Writing

\$30

Guides students through the Scenario Writing process.

- Explore topic selection
- Learn research techniques
- Discover how to infuse the future into Scenarios
- Practice the creative writing process



Available at www.fpspimart.org

Tips for Scenario Coaches

General

- A great place to start is to review the evaluation criteria with students; then read a number of past scenarios, discussing them in light of the criteria.
- When submitting for the competitive round, follow the Scenario Writing Requirements carefully (1,500 words, title on the first page of the scenario, double-spaced, correct fonts and margins, etc.).

Topics: Review each of the four topics with students.

- Which topic interests them the most?
- Generate imagined futures for the topics.

Research: Students should read as much material on their chosen topic as they need to understand its various facets.

- Chapters from the *Readings, Research and Resources* publication are essential materials for understanding the topic. The topics page has a link to suggested readings. Students may also do their own research.
- As students read, have them take notes on facts, which may be useful in their writing, as well as impressions or ideas they get while reading the materials.



Problem Solving Model: If students are familiar with the 6-step problem solving model, encourage them to use a shortened version based on their readings on the topic to help them clarify their thinking, as well as provide sources for a scenario theme.

- Scenario writing can be considered a “seventh step” in the FPS process.
- A suggested shortened version of the process includes 6-8 challenges for Step 1, an underlying problem for Step 2, and 6-8 solution ideas for Step 3.
- What outcomes and scenarios might result from using the problem solving model?

Characterization: Scenario writers should identify a central, identifiable, sustained character(s) – animate or inanimate.

- 1-2 main characters are usually enough for a story of this length.
- Character development should take place throughout the events of the scenario.

Futuristic Elements: Scenarios should read as though the future is the present.

- A strong portrayal of futuristic trends and predictions should be evident.
- Lengthy explanations and descriptions of technology and social trends can interfere with the flow of the scenario that should be placed 20 years in the future.

Post-Writing: Provide opportunities for writers to participate in peer review to improve and discuss their writing.

(Tips for Scenario Coaches continued)

Be an Active Scenario Coach!!

The student's work must be original. However, before submission each student's story should be read by an adult who will discuss the story with the student or provide written feedback. Use the evaluation criteria to guide your feedback.

Feedback: Legitimate assistance provides feedback and food for thought but does not make decisions for students about the writing.

- Point out strengths
 - (Good word choice here. Strong visual image. Etc.)
- Ask questions that occur to you as a reader
 - (Why did the spaceship land in the middle of the city? What happened to the rest of the travelers, who only showed up in the first paragraph? Etc.)
- Make general suggestions for improvement
 - (More visual description might give us a clearer image. You might want to let us know what she is thinking. More futuristic details might be good. Etc.)

Author Decisions: It should be up to the student author to determine what revisions to make in response to the questions and suggestions.



Guidelines for Adult Proofreaders

Share this page with adult proofreaders.

All authors **MUST** have adult an adult proofreader who will work with them on correcting formatting, spelling, punctuation, and glaring grammar mistakes. This does not need to be the coach. The proofreader **SHOULD NOT CHANGE WORD CHOICES**. All corrections should be discussed with the author. The copy submitted should be as error free as possible.

WORD Work with the student to check each of these items in the document that will be submitted. On the entry sheet, put an X for each item that has been checked:

- The computer word count is a maximum of 1500 words. The title is not counted.
- The title is centered on the first page, NOT in the header. The title should be bold and 14-point font.
- A 12-point font is used for the story. The font used is Arial, Cambria, Calibri, Times, or Times New Roman. NO script or other unusual fonts should be used, except in small instances for a special effect.
- Margins are consistently 1 inch, NOT 1.25 inches, unless used for special effect.
- The text is set to double space, NOT space and a half. There are no extra blank lines between paragraphs, except to show the passing of time.
- All paragraphs, including dialogue, are indented. Tabs, NOT spacing, are used for indenting paragraphs. Other formatting is allowed for a few special effects in the story.
- Dialogue is punctuated correctly. The proofreader MUST be knowledgeable about punctuating dialogue. This can be challenging, especially for young students, but it must be done accurately.
- There are no mistakes in punctuation, spelling, and grammar.

These items MUST be correct in the Word doc that is submitted. Do NOT submit a document that has not been checked.



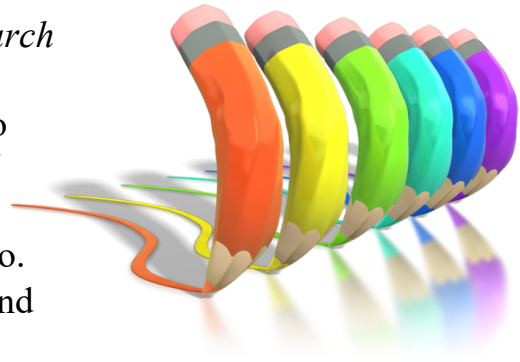
Tips for Scenario Authors

General

- Creative ideas *and* good writing are both important in FPSPI scenario writing.
- When submitting for the competitive round, follow the instructions carefully (word count, typed, double-spaced, title on the first page of the scenario, etc.). See Scenario Writing Requirements for more information.

Pre-Writing

- Read and gather information in *Readings, Research and Resources; Omni; Futurist; Discover*, etc.
- Use creative problem solving generating tools to come up with a title that captures the essence of your scenario.
- Write an outline and rough draft of your scenario.
- Use key words or phrases to indicate the topic and the time period in which your scenario is set.



Technique

- A narrative, dialogue, diary, journal, and letter are among appropriate formats for writing a scenario.
- Conflict, adventure, suspense, humor (satire, parody) can be used in the development of the scenario.
- Use first or third person.
- Incorporate dialogue, if it is appropriate to do so.
- To give background information, “bits and scratches” in dialogue and/or thoughts in a sentence or two work best. Blocks of flashback may be too long for 1,500 words.
- Show, don’t tell!
 - Telling: He got out of bed and sat at his desk to start the day.
 - Showing: Gradually, he rubbed the sleep from his eyes and shuffled out of bed, pulling on a worn corduroy robe before settling at his desk to start the day.

Character(s)

- Use a minimum number of characters, animate or inanimate (usually 1–2 protagonists).
- Introduce main character(s) as soon as possible.
- Place the lead character directly into the situation developed in the scenario.
- Demonstrate how things have changed and how the main character is affected.
- If conflict is a central part of the story, lead to the point where the character(s) has a chance to “win, lose or draw.” This sets up a moment of suspense.

(Tips for Scenario Authors continued)

Creative and Futuristic Thinking

- Incorporate creativity into your writing – use inventive, innovative, original, resourceful ideas.
- Incorporate futuristic thinking into your writing – portray futuristic information and trends. (It is fun to explain how inventions affect our future lives, but don't "overgadgetize.")

Idea Development

- Involve the audience (readers) immediately in the introductory paragraph.
- Develop the idea of the scenario to point out positive social and cultural aspects or the consequences of doing without them.
- Form the climax as a logical outgrowth of the story line or character development.
- Provide a resolution to any conflict developed in the scenario.
- Provide a conclusion. Be sure to end; don't just stop without giving the reader something to think about.



Style/Voice

- Demonstrate a consistent voice/tone throughout the scenario.
- Exhibit the author's personal touch through vivid, colorful description that gives the writing life and spirit.
- Vary the sentence structure and use interesting vocabulary.
- Be aware of your audience. Involve readers by writing to elicit an emotional response from them.

Mechanics/Structure

- Use appropriate grammar, effective sentence structure, and conventions to enhance meaning.
- Use effective organizational strategies and appropriate transitional elements.

Post-Writing

- Edit, edit, edit! Do NOT submit a first draft.
- Read for revisions: Is the scenario whole, unified, coherent? Are paragraphs/sections clear, unified, coherent?
- Your coach should give you feedback for improvement based on the evaluation criteria.
- You **MUST** have an adult proofread your work before submission.

Scenario Writing Evaluation Criteria

Creative Thinking

Exemplary stories will have a strong portrayal of innovative/ingenious/novel ideas with unusual/ imaginative details that provide a unique/powerful experience for the reader (Scored 1-10)

Futuristic Thinking

Exemplary stories will show an understanding of patterns/trends and how they might evolve; will use/develop specialized terms/language related to the topic and storyline; will show a strong portrayal of futuristic trends/predictions that enhance the story (Scored 1-10)



Idea Development

Exemplary stories will include complex ideas supported by rich/engaging/pertinent details; will show strong evidence of analysis, reflection, and insight exploring different aspects of the topic; will show obvious sophistication in organizational strategies; will hold the readers attention with significant details (Scored 1-15)

Style/Voice

In exemplary stories, the use of literary techniques makes the text lively/engaging; a clear, distinctive personal touch prevails; stylistic nuances and elements are uniquely mastered; well crafted, varied sentence structure is used; skillful use of vocabulary allows the reader to become emotionally involved (Scored 1-10)

Character Development

Exemplary stories will have authentic character(s) with dynamic nature enhancing the overall impact and effectiveness of the writing; characters will evoke an emotional response; the writer will provide insight, perspective, and empathy with the character(s) and a sense of involvement with them (Scored 1-10)

Mechanics/Structure

Exemplary stories will show clear control of grammar and punctuation; creative use of conventions may be used to enhance meaning; license with some conventions may be taken intentionally to make a point; dialogue/dialect/slang, etc. may be 'played with' to creatively portray character(s); the story will be carefully edited (Scored 1-5)

Topic Related Research

In exemplary stories, knowledge of the topic is evident and is artfully blended with the story line; an understanding of the topic's futuristic trends is evident (Scored 1-5)

