



2016 CATEGORIES AND COMPETITIONS

STEM	HUMANITIES	PERFORMING ARTS	VISUAL ARTS	BUSINESS	CULINARY
Architecture Biology/Microbiology Chemistry/Biochemistry Computer Science Earth and Space Sciences Engineering Mathematics Medicine and Health Physics	Music Composition Original Essay Playwriting Poetry—Written Short Story	Dance: Ballet Dance: Contemporary Dance: Modern Dance: Traditional Dramatics Music: Instrumental—Classical Music: Instrumental—Contemporary Music: Vocal—Classical Music: Vocal—Contemporary Oratory Poetry—Performance	Drawing Filmmaking Painting Photography Sculpture	Entrepreneurship	Culinary Arts

ENTREPRENEURSHIP

Refers to owning, organizing, and managing your own business by providing a necessary product or service.

REQUIREMENTS:

1. Submit six (6) copies of the contestants' business plan.
2. Six (6) copies of a typed 8-½-inch by 11-inch double spaced business plan must accompany the project. The business plan, which should be a minimum of ten (10) pages and not to exceed twenty (20) pages, should include a cover page, executive summary, company description, a marketing plan, a management plan and a financial plan, in addition to any supporting documents (i.e. graphs, photographs, statistical data). The student's name, page number and branch must be at the top of each page. The six (6) copies must be submitted on or before the specified deadline.
3. The contestant is required to make an oral presentation, not to exceed five (5) minutes, explaining his/her business plan.
4. A visual presentation in the form of a display, slide show, overhead or PowerPoint presentation should be provided.
5. Contestants should be familiar with business terminology in general and about terminology related to their selected product/service.
6. Contestants are required to have personally conducted the business plan analysis and have been involved with the production of any prototype product or service trials.
7. The NAACP ACT-SO Program will provide electrical power and an LCD projector.
8. Contestants must provide a laptop and appropriate adapter for projection.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Written Business Plan
 - Marketing Strategy (15)
 - Management Plan/Personnel Profiles (10)

- Financial Plan (15)
- Market Research & Analysis (10)
- Government Requirements (5)
- Product/Service Knowledge (10)
- Customer Service Plan (5)
- Creativity/Originality (5)
- Oral Presentation
 - Comfort Level of Product/Service Knowledge (10)
 - Social Responsibility/Contribution to the Community (5)
 - Presentation Style (5)
- Visual Presentation (5)

CULINARY ARTS

The creative practice of cooking. One who engages in the culinary arts, or a culinarian, is either called a cook or a chef depending on their level of expertise.

REQUIREMENTS:

1. Each participant must be a high school junior or senior and is required to have previous or current formal culinary education, training or experience.
2. Each participant must dress in full professional chef whites, including toque and apron throughout the competition.
3. The competition events will be held in a banquet/conference room with tabletop burner or induction cooking.
4. 1 (one) written **Menu Plan** is required per student. The **Menu Plan** will consist of the student's plan for executing their competition menu. The Menu Plan should be a maximum of 2 pages and include the guidelines identified in the **Menu Plan** template. The student's name and page number should appear at the top of each page.
5. Prior to the start of competition, the student is required to make an **Oral Presentation**, not to exceed five (5) minutes, explaining his/her **Menu Plan**. Contestants should be familiar with business terminology in general and about terminology related to their selected menu. Contestants are required to have personally conducted the **Menu Plan** analysis and have been involved with the production of any prototype product or service trials.
6. Each participant will present a **Culinary Skill Demonstration** following all HACCP guidelines and will have 2 hours and 30 minutes preparation and clean up time to complete the following:
 - Two (2) course presentations consisting of Appetizer/Starter Course (student must prepare)
 - Three (3) individual Show plates representing balance and proper portioning
 - Main Course
 - Three (3) individual Show plates (to include a center of the plate protein and 2 accompaniments)

- Participants will choose one of the following proteins for use in the Culinary Skills Demonstration: Rock Cornish Game Hen, Chicken or Duck (whole or part of the bird)
 - The student will be prepared to fabricate and prepare **ONE** of the following proteins:
 - a) 1 to 1 ½ pound Rock Cornish Game Hen OR
 - b) 2 to 2 ½ pound Chicken **OR**
 - c) 5 to 6 pound Duck.
7. The participant is not required to use all of the preparation time. The participant will present in this sequence: **Starter Dish**- 1 plate for presentation and critique and two plates for the judges' table. **Main Course** – 1 plate for presentation and critique, two plates for the judges' table. The participant must be prepared to break down the center of the plate protein items. A community storeroom table and community equipment table will be provided and shared by each of the competition participants. The storeroom may have a variety of ingredients in addition to the items for the **Culinary Skills Demonstration**. Competitors may freely utilize any ingredient and/or equipment in the competition area.

No advance food preparation or cooking is allowed – this includes pre-measured items.

- Chef Toque's, cutting boards and sanitizer & gloves will be provided.
- The community storeroom table will include items from the list on the attached Community storeroom list as well as additional available items.
- Cooking equipment use will be limited to any cooking preparation equipment, which is located on site at the competition facility. If necessary, alternative cooking may be done at an adjacent location at the competition facility. Judges in these areas will monitor cooking as well. Each kitchen work area must be left clean, neat and orderly.
- The judges will finalize scores after the inspection of the kitchen and working areas.

NOTE: The deadline for submission of national registration documents is, May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

Written Menu Plan (15 points)

1. Menu Content (5)
2. Grammatical Accuracy (5)
3. Product Knowledge (5)

Oral Presentation (25 points)

1. Creativity (10)
2. Skills and Craftsmanship (10)
3. Serving and Portion Size (5)

Culinary Skill Demonstration (60 points)

1. Flavor and Texture (20)
2. Sanitation (5)
3. Work Habits (10)
4. Ingredient Compatibility (5)
5. Nutritional Balance (5)
6. Presentation (10)
7. Use of Allotted Time (5)

MUSIC COMPOSITION

The science or art of arranging music by ordering tones or sounds in succession, in combination or in temporal relationships to produce a composition having unity and continuity.

REQUIREMENTS:

1. Mail six (6) original notarized compositions.
2. The top of each page must include the contestant's name, page number and unit name and number.
3. The composition must be neatly and precisely written on music manuscript paper, in such a manner that any trained musician could perform the composition. Before submission, all electronically generated manuscripts (Finale, Sibelius, etc.) must be proofread to ensure proper quantization in the final print generated composition.
4. The contestant must include a CD of the composition with the National Registration materials and bring a copy of the CD for the judges onsite at the Local and National competition. Competitors will not perform their composition at the competition.
5. The composition must not exceed five (5) minutes.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Creative sense (10)
- Form (20)
- Harmonic and rhythmic interest (20)
- Strength of melodic line (20)
- Use of theory (20)
- Quality of transcript (10)

ORIGINAL ESSAY

A brief examination of a subject in prose usually expressing a personal view or interpretation of a subject or topic.

REQUIREMENTS:

1. Six (6) notarized copies of the original essay written only by the contestant should be submitted on or before the specified deadline. The top of each page must include the contestant's name, page number, and unit name and number.
2. The essay must be typed and double-spaced; not to exceed twelve (12) pages.
3. The contestant must be prepared to answer questions by the judges.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- General Merit (25)
 - Ideas
 - Organization
 - Wording
 - Flavor
- Mechanics (25)
 - Usage
 - Punctuation/Capitalization
 - Spelling
- Overall Effect (50)

PLAYWRITING

A literary composition developed for the stage.

REQUIREMENTS:

1. Submit six (6) original, notarized copies of a one-act play.
2. The play must be an original (written only by the contestant).
3. The play must be typed and double spaced, not to exceed twenty (20) pages. A one-page synopsis must be included.
4. The top of each page must include the contestant's name, page number and unit name and number.
5. The contestant must be prepared to answer questions by the judges.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Characterization (10) – Is there a protagonist of some type? Is there an antagonist? Are the characters in the play developed? Are the roles defined?
- Clarity (10) – Is the author's theme and purpose clearly stated?
- Content (25) – Is the subject matter or situation of the play relevant, creative, and/or controversial?
- Dialogue (10) – Is the word usage or phrasing consistent with the character? Does the dialogue advance the plotline or develop the character's background?
- Mechanics (10) – Is the manuscript clearly typed? Are there errors in spelling and/or grammar? Are the stage directions clearly stated? Are the settings and characters clearly indicated?
- Plot (25) – Has the storyline been clearly defined? Has the action of the play been chronologically developed? Is there evidence of:
 - Exposition
 - Complication

- Climax
- Conclusion
- Style (10) – Has the playwright established a definitive method or style?

POETRY—PERFORMANCE

An original poem or prose, written by the contestant, performed as a monologue or exchange involving extemporization.

REQUIREMENTS:

1. Submit six (6) notarized copies of the original poem.
2. The top of each page must include the contestant's name, page number and unit name and number.
3. Poems should be typed, using 12 point **Times New Roman, Verdana, Georgia, or Comic Sans**. Please no other fancy typefaces or graphics. Poems should retain original form that they were created in and do not have to be double-spaced. Individual poems may be free verse or rhymed metrical poetry containing stanzas. Poems should not exceed 3 pages.
4. The contestants must perform their work before a panel of judges. The performance must not exceed three (3) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction and/or disqualification.)

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Emotional/Physical Presence (20)- Is the poet emotionally connected to the topic they are presenting? Is the poet demonstrating eye contact, body language and poise?
- Original Thought (20) - Has the poet tackled an interesting subject or created something new with their work, or are they simply parroting belief systems or ideas that they have heard from someone else.
- Voice and Articulation (20) – Does the poet exhibit appropriate volume, pace, rhythm, intonation and proper pronunciation?
- Structure or Form, and Overall Presentation (20) - How is the poem constructed? Are there appropriate line and stanza breaks? Does the poem have a strong title? Does the poem contain appropriate grammar and punctuation?
- Evidence of Understanding/Accuracy (20) – Does the poet comprehend the material they're presenting and makes the audience understand? Does the poet miss written words or mispronounce words during their recitation?

POETRY—WRITTEN

A composition, marked by language chosen for its sound, beauty and evocative power.

REQUIREMENTS:

1. Submit six (6) notarized copies of the original poem.
2. The top of each page must include the contestant's name, page number and unit name and number.
3. Poems should be typed, using 12 point **Times New Roman, Verdana, Georgia, or Comic Sans**. Please no other fancy typefaces or graphics. Poems should retain original form that they were created in and do not have to be double-spaced. Individual poems may be free verse or rhymed metrical poetry containing stanzas. Poems should not exceed 3 pages.
4. The contestants will be interviewed about their work by a panel of judges.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Emotional Connection (20)- Is the poet emotionally connected to the topic they are writing about and does the poem elicit an emotional response from the reader?
- Original Thought (20) - Has the poet tackled an interesting subject or created something new with their work, or are they simply parroting belief systems or ideas that they have heard from someone else.
- Sequential Development (20) - Does the poem follow a distinct path or does it wander without every really getting to the point. Are there too many things going on in the poem? Is there a strong ending, or is it forced?
- Structure or Form, and Overall Presentation (20) - How is the poem constructed? Are there appropriate line and stanza breaks? Does the poem have a strong title? Does the poem contain appropriate grammar and punctuation?
- Use of language as it relates to theme (20) - Does the poet use figurative language including vivid imagery, similes, metaphors, hyperbole, or idiom? Is the voice active, are the senses engaged?

SHORT STORY

A brief examination of a subject in prose usually expressing a personal view or interpretation of a subject or topic.

REQUIREMENTS:

1. Only one (1) notarized Short Story written only by the contestant, with six (6) copies of the notarized original should be submitted on or before the specified deadline. The top of each page must include the contestant's name, page number and unit name and number.
2. The Short Story should have a single story line without subplots, no more than three or four characters, a single viewpoint and a short time scale. The story must be typed, double spaced and between 1000 and 1500 words.
3. The contestant must be prepared to answer questions by the judges.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- General Merit (25)
 - Ideas- single storyline, no subplots, 3-4 character, single viewpoint (2 at most), short time scale
 - Organization – consistent writing style, consistent mood/tone and space
 - Wording – appropriate language, brief descriptions
 - Flavor
- Mechanics (25)
 - Usage
 - Punctuation/Capitalization/Spelling
- Overall Effect (50) – Minimum background, concise dialogue, no lengthy preamble, no contrived ending

DANCE: BALLET

To perform a series of rhythmic and highly technical patterned bodily movements usually performed to music using grace and precision.

REQUIREMENTS:

1. The solo performance must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction and/or disqualification.)
2. Costumes are optional, but should be appropriate to the choreography performed.
3. The theme and/or type of the performance must be identified to the judges prior to the presentation. Types include: Classical Ballet, Contemporary Ballet, Neo-classical Ballet, or Story Ballet.
4. The piece must be performed in ballet slippers/flats, or pointe/demi pointe shoes. Bare feet are only acceptable for Contemporary Ballet.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Technical Proficiency/Skill (25)
 - Alignment, strength, endurance, flexibility, coordination
- Clarity and Consistency in Style (25)
- Phrasing/Dynamics/Musicality (25)
- Clarity of Intent/Interpretation of Choreography (25)

DANCE: CONTEMPORARY

To perform a series of rhythmic and technical patterned bodily movements usually performed to music.

REQUIREMENTS:

1. The solo performance must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction and/or disqualification.)
2. Costumes are optional, but should be appropriate to the choreography performed.
3. The theme and the dance form of the performance must be identified to the judges prior to the presentation. Dance forms include: Broadway/Musical Theater, Hip-Hop, Jazz, Lyrical, and Tap.
4. Aerobic exercises, miming, cheerleading and drill team routines may not be used.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Technical Proficiency/Skill (25)
 - Alignment, strength, endurance, flexibility, coordination
- Clarity and Consistency in Style (25)
- Phrasing/Dynamics/Musicality (25)
- Clarity of Intent/Interpretation of Choreography (25)

DANCE: MODERN

To perform a series of rhythmic and patterned bodily movements usually performed to music that focuses on the dancer's interpretations using their emotions and moods to develop choreography.

REQUIREMENTS:

1. The solo performance must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction and/or disqualification.)
2. Costumes are optional, but should be appropriate to the choreography performed.
3. The theme of the performance must be identified to the judges prior to the presentation.
4. Each performance must derive from Dunham, Graham, Horton, Humphrey, Limon, or other modern techniques.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Technical Proficiency/Skill (25)
 - Alignment, strength, endurance, flexibility, coordination
- Clarity and Consistency in Style (25)
- Phrasing/Dynamics/Musicality (25)
- Clarity of Intent/Interpretation of Choreography (25)

DANCE: TRADITIONAL

To perform a series of rhythmic and patterned bodily movements usually performed to music to reflect the life of the people of a certain region or country.

REQUIREMENTS:

1. The solo performance must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction and/or disqualification.)
2. Costumes are optional, but should be appropriate to the choreography performed.
3. The theme and the dance form (African, Cuban, Afro-Latin, etc.) of the performance must be identified to the judges prior to the presentation.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Technical Proficiency/Skill (25)
 - Alignment, strength, endurance, flexibility, coordination
- Clarity and Consistency in Style (25)
- Phrasing/Dynamics/Musicality (25)
- Clarity of Intent/Interpretation of Choreography (25)

DRAMATICS

The art of staging or acting plays.

REQUIREMENTS:

1. The performance must be a minimum of three (3) minutes and maximum of five (5) minutes. (Contestants not adhering to the minimum and maximum time requirements are subject to point deduction and/or disqualification.)
2. The selection must be of literate quality.
3. The material must be memorized.
4. Costumes, makeup, and props are optional, but not required.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Projection (10)
- Structure (10pts): Does the performance have transitions/beats and a clear beginning, middle, climax, and end?
- Memorization (10)
- Movement (10): Is the blocking clear and does the actor commit to and follow through with his/her movements and gestures?
- Emotional Connection and Honesty (10): Are you really "selling" that you are becoming this character or are you simply "play-acting"?
- Imagination and Creativity (15): Are you bringing something different to the piece or are you just reciting lines?
- Stage Presence (10)
- Character Work (10)
- Specificity of Acting Choices (10): Clear pursuit of Actions/Objectives
- Creation of the Space (5)

MUSIC: INSTRUMENTAL—CLASSICAL

The art of performing with a device used to produce music with tones of the late 18th and 19th centuries characterized by an emphasis on balance, clarity, and moderation.

REQUIREMENTS:

1. The musical selection must be one specifically written for solo performances. The performance may be an excerpt and may not exceed five (5) minutes. (Contestants not adhering to the maximum time requirements are subject to point deduction.)
2. Contestants must submit six (6) copies of the sheet music for their performance.
3. If the selection chosen is written with piano accompaniment, it must be performed in that manner. Contestants must request accompaniment by May 9, 2016. Sheet music is required at the time of the request.
4. The composition to be performed must be consistent with the nature of the instrument and the level of musical proficiency of the performer.
5. The selection of music and instrument is solely the decision of the contestant.
6. The only instrument provided for the performance will be a piano.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Interpretation, Expression, Tempo, Phrasing, and Historically appropriate style (20)
- Intonation and touch (piano) (20)
- Stage presence, choice of music (20)
- Technique, articulation, Breathing, Rhythm, Facility and Accuracy (20)
- Tone quality, Beauty, Control, Characteristic timbre (20)

MUSIC: INSTRUMENTAL—CONTEMPORARY

The art of performing with a device used to produce music with the tones of the present.

REQUIREMENTS:

1. The musical selection must be one specifically written for solo performances and may not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction.)
2. The selection performed should feature a solo performance. The contestants must provide additional musicians if they are needed for their performance, however, piano accompaniment can be requested to the national office by May 9, 2016. Sheet music is required at the time of request. Contestants can also bring an accompanist.
3. Contestants must submit six (6) copies of the sheet music for their performance.
4. The only instrument provided for performance will be a piano. Contestants must provide additional instruments/equipment as needed.
5. The selection of music and instrument is solely the decision of the contestant.
6. Examples of contemporary music are R&B, Broadway, Jazz, Gospel, Blues, etc.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Effectiveness of style, Improvisation (20)
- Intonation, Touch (piano) (20)
- Stage presence, Choice of music (20)
- Technique, Articulation, Breathing, Tonality, Rhythm, Facility (20)
- Tone quality, Beauty, Control, Characteristic timbre (20)

MUSIC: VOCAL—CLASSICAL

The art of performing with the human voice rhythmic tones or sounds of the late 18th and 19th centuries characterized by an emphasis on balance, clarity, and moderation.

REQUIREMENTS:

1. Only one (1) song is to be performed, and it must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to disqualification.)
2. Competitors should not perform to a CD. Contestants requesting piano accompaniment must submit sheet music and requests for accompaniment by May 9, 2016. Sheet music is required at the time of the request. Contestants can also bring an accompanist.
3. Contestants must submit six (6) copies of their sheet music.
4. The material must be memorized.
5. Costumes are not required.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Choice of Music (10)
- Diction (25)
 - Correctness of pronunciation
- Interpretation (10)
 - Expression
 - Phrasing
 - Historically appropriate style
 - Tempo
- Intonation (10)

- Stage presence (10)
- Technique (10)
 - Breathing
 - Posture
 - Rhythm
 - Accuracy
- Tone quality (25)
 - Beauty of sound
 - Control

MUSIC: VOCAL—CONTEMPORARY

The art of performing with the human voice rhythmic tones or sounds to produce music with the tones of the present.

REQUIREMENTS:

1. Only one (1) song is to be performed, and it must not exceed five (5) minutes. (Contestants not adhering to the maximum time requirement are subject to point deduction.)
2. Musical accompaniment must be provided by the contestant either live or using a standard CD. The CD should contain only the instrumental version of the song. Contestants are encouraged to provide a backup CD.
3. Contestant must provide piano accompaniment.
4. The material must be memorized.
5. Costumes are not permitted.
6. Examples of contemporary music are R&B, Broadway, Jazz, R&B, Gospel, Blues, etc.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Choice of Music (15)
 - Matched to vocal ability
 - Breathing
 - Posture
 - Rhythm
 - Accuracy
- Interpretation (20)
 - Expression, Phrasing, Style
 - Tempo
 - Arrangement
- Stage Presence (15)
 - Comfort on and control of stage, posture
 - Rapport with audience
- Tone Quality (25)
 - Beauty of sound
 - Control
 - Intonation and Diction
- Technique (25)

ORATORY

The art of speaking in public eloquently and effectively. (This is not a dramatic presentation.)

REQUIREMENTS:

1. Only one (1) speech is to be presented, and it must not exceed five (5) minutes.
2. The selection of the speech is the decision of the contestant; it should either be an original (written by the contestant) or an excerpt from a speech written by a famous individual or historical figure.
3. The speech is not to be presented as a dramatic presentation.
4. Costumes and props are not permitted.
5. The material must be completely memorized.
6. Contestants are encouraged to prepare and deliver original selections. However, if the contestant decides to present a selection already published, we recommend that they not limit their selection to speeches delivered by Dr. Martin Luther King, Jr. There are many great speeches by famous people, such as Frederick Douglas, Sojourner Truth, Malcolm X, etc.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Delivery (25)
 - Voice
 - Diction
 - Pronunciation
 - Enunciation
 - Gestures
 - Emphasis
- Interpretation (25)
 - Content
 - Subject Adherence
 - Theme
 - Logic and Color
- Platform Presence (25)
 - Poise
 - Appeal

- Impression
- Attitude and Effect

- Projection (25)
 - Voice
 - Emphasis
 - Tone
 - Pitch
 - Volume

BIOLOGY/MICROBIOLOGY

The science of life or of the origin, structure, reproduction, growth and development of living organisms collectively.

Projects in this category could involve the biology of organisms from the macroscopic scale to the microscopic scale (e.g., bacteria, viruses, protozoa, fungi, yeast, genes, etc.)

CHEMISTRY/BIOCHEMISTRY

The science that deals with the composition, structure and properties of chemical processes and phenomena of substances and the transformation that they undergo.

Projects in this category could involve physical chemistry, organic chemistry, inorganic chemistry, materials, plastics, fuels, pesticides, metallurgy, soil chemistry, etc. This category also includes the chemistry of life processes such as molecular biology, molecular genetics, enzymes, photosynthesis, blood chemistry, protein chemistry, food chemistry, hormones, etc.

COMPUTER SCIENCE

The science that deals with the theoretical aspects of computers including storage and the transformation of data using computers.

This category pertains to the study and development of computer hardware, software engineering, Internet networking and communications, graphics (including human interface), simulations/virtual reality or computational science (including data structures, encryption, coding and information theory).

EARTH AND SPACE SCIENCES

The body of sciences that include geology, mineralogy, physiographic, oceanography, meteorology, climatology, astronomy, speleology, seismology, geography, etc.

Projects in this category could also be concerned with environmental science such as the study of pollution (air, water, and land) sources and their control as well as ecology.

ENGINEERING

Technology. Projects that directly apply scientific principles to manufacturing and practical uses.

Projects in this category could involve civil, mechanical, aeronautical, chemical, electrical, photographic, sound, automotive, marine, heating, refrigerating, transportation, and environmental engineering; electronics; etc.

MATHEMATICS

The science of numbers and their operations, interrelations, combinations, generalizations, and abstractions of spaced configurations and their structure. Development of formal logical systems or various numerical and algebraic computations and the application of these principles.

Projects in this category could involve calculus, geometry, number theory, statistics, complex analysis, probability, etc.

MEDICINE AND HEALTH

The study of diseases and health of humans and animals.

Projects in this category could involve dentistry, pharmacology, pathology, ophthalmology, nutrition, sanitation, dermatology, allergies, speech and hearing, etc.

PHYSICS

Theories, principles and laws governing energy and the effect of energy on matter.

Projects in this category could involve solid state physics, optics, acoustics, particle physics, nuclear physics, atomic energy, superconductivity, fluid and gas dynamics, thermodynamics, semiconductors, magnetism, quantum mechanics, biophysics, etc.

1. Only one (1) project can be entered per competition.
2. Submit six (6) copies of a double-spaced scientific paper to accompany the project to be submitted. The content of the paper, which should not exceed five (5) pages, should include: a short introduction describing the background and purpose of the work, an experimental section including both methods and results, and a concluding section discussing the results and their implications. Tables, graphs, charts, maps, photographs, raw statistical data, etc. should be included whenever possible. They must also include references used and acknowledgements of any individuals who served as direct academic resources. The student's name, page number and unit name and number must be on the top of each page. Supporting documents must be submitted with the scientific paper.

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3. The contestant is to make an oral presentation (minimum 5 minutes). This time limit does not include the time required for judges questions and contestant to responses.
4. Contestants are responsible for providing their own equipment.
5. The NAACP ACT-SO Program will provide electrical power and display tables upon request by May 9.

6. Contestants must submit a STEM Verification Form from a qualified scientist or science teacher with an earned professional degree or license. This person can also serve as a coach, working closely with the student during the course of the project to ensure the accuracy of the student's research and qualifications for entry. STEM projects will be judged by the following criteria:
- Quality of Research
 - Scientific Approach/Method (20)
 - Validity of Information (10)
 - Validity of Conclusion(s) (10)
 - Depth of Understanding Oral Presentation
 - Knowledge Gained and Creativity (20)
 - Thoroughness & Individual Work (20)
 - Written Report (10)
 - Visual Presentation (10)

ARCHITECTURE

Plans for and models of structures and outdoor spaces.

Examples may include but are not limited to: Building designs, landscape designs, interior designs, urban plans. Can include 2D work such as hand-drawn sketches, computer-aided designs, blueprints, and floor plans, OR 3D work such as scale models made from foam core, balsa wood, cardboard, wooden blocks, polystyrene, found or reused objects, etc.

REQUIREMENTS:

1. Only one (1) original project may be submitted. The project must be the creation of the competing contestant, rather than a replication of another architect's design.
2. Submit six (6) copies of a double-spaced paper to accompany the project. The content of the paper, which should not exceed five (5) pages, should include overall statement of goals and processes, design objectives, the history of the project and execution of the project. The student's name, page number and branch must be on the top of each page.
3. Blueprints of the project must be 24 x 36 inches in length or width. The contestant must also submit a site plan, floor plan, a minimum of two (2) elevations and a section of the design at appropriate scale.
4. Contestants are required to conduct a minimum five (5) minutes oral presentation, explaining his/her project. This time limit does not include the time required for the judges to ask questions and the contestant to respond to the judges.
5. Contestants are required to construct a scaled model of his or her project. (The national office will provide Display tables and electricity.)
6. Contestants must submit a STEM Verification Form from a qualified architect with an earned professional degree or license. This person can also serve as a coach, working closely with the student during the course of the project to ensure the accuracy of the student's research and qualification for entry.
7. Gold medalists advancing to the national competition will be required to upload images of their entries to a designated site.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Complexity of Project/Originality (15)
- Planning and Space Concepts (10)

- Aesthetics (10)
- Consistency and Validity of Design Concepts (10)
- Drawings (15)
 - 1. Quality of line work
 - 2. Organization of drawings
- Model (10)
 - Workmanship, Scale
- Site Analysis/Design (15)
 - Construction Materials/Methods of Construction (5)
- Written Statement (5)
 - Explaining Project, Establishing Parameters
 - Identifying Project Limitations and Design Objectives
- Verbal Presentation (5)

DRAWING

The art of representing forms and figures on a surface by means of lines executed by hand or computer (digital) generated processes.

REQUIREMENTS:

1. Only one (1) project can be submitted.
2. The national office will provide easels.
3. The contestant is required to make an oral presentation, which will not exceed three (3) minutes, explaining the methods or techniques used in developing the project. Mounting and matting is preferred.
4. The submission should be no larger than 36 inches by 48 inches. Framing is optional.
5. The oral presentation must not exceed three (3) minutes.
6. Gold medalists advancing to the national competition level will be required to submit images of their entries via mail.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Composition (20)
- Line/Form (20)
- Presentation (20)
- Technique/Craftsmanship (20)
- Theme (20)

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FILMMAKING

The art and process of making motion pictures.

REQUIREMENTS:

1. Only one (1) film is to be entered.
2. The running time of the film must not exceed five (5) minutes.
3. A storyboard or project theme must be associated with the film

Please Note: Storyboards are NOT stills taken from the film, rather they are original drawings, sketches, etc. completed PRIOR to the execution of the film.

4. Only one (1) film is to be entered in DVD format.
5. The running time for the film must not exceed five (5) minutes.
6. A playback unit will be provided.
7. Films should be submitted on a single DVD packaged in a standard 5 1/4 x 7 1/2 plastic DVD case. Do not put labels on the DVD
8. DVD's must be compatible with standard set-top DVD players.

Do not simply burn a QuickTime or AVI file to a disc as data. This may render your film unplayable. Make sure your disc plays in a standard DVD player before you submit your entry.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Creative (25)
 - Storyboard (10) - how effectively did the competitor execute the ideas presented on the storyboard in their piece?
 - Originality (15)- Did the competitor try to challenge him/her self to do something different and interesting. Did they have a new and interesting way of retelling an old story/concept? Creativity of approach or concept
- Production (35)
 - Direction/Structure (25) – the use of camera, choice of shots to help convey the story, framing, camera movement, clarity of story
 - Use of light (10) – Are actors and/or environment lit effectively

- Sound (15)
 - Use of audio effects/music (10)
 - Audibility (5) – Is dialogue audible.
- Post Production (25)
 - Editing (20)– Approach in editing to tell the story more effectively.
 - Titles (5)

PAINTING

Art created by applying pigment on a two-dimensional surface with a brush, knife, or hand and/or the manipulation of digital processes with a computer

Examples include but are not limited to: Oil, acrylic, watercolor, gouache, tempera, ink, encaustic, fresco, spray paint, etc. applied on canvas, canvas board, paper, mixed media or any flat surface.

REQUIREMENTS:

1. Only one (1) project can be entered.
2. The national office will provide easels.
3. The contestant is required to make an oral presentation, which will not exceed three (3) minutes, explaining the methods or techniques used in developing the project.
4. The contestant must be available to answer questions from the judges.
5. The submission should be no larger than 36 inches by 48 inches. Framing is optional.
6. Gold medalists advancing to the National Competition level will be required to submit images of their entries via mail.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Color (20)
- Composition (20)
- Craft (20)
- Line/Form (20)
- Theme (20)

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PHOTOGRAPHY

The process, art and technique of capturing images with an analog or digital camera

Examples include but are not limited to: Black and white photographs, color photographs, digital or analog photographs, photograms, other experimental photography, etc.

REQUIREMENTS:

1. No more than six (6) photographs can be submitted or one (1) collage of work.
2. The photographs and/or mounting boards must be no larger than 20x16 inches and mounted on white, black, or gray color boards.
3. The contestant is required to make a minimum three (3) minute oral presentation, explaining the methods or techniques used in developing the project.
4. The National Office will provide display tables.
5. Gold medalists advancing to the National Competition level will be required to submit images of their entries via mail.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Choice of Film (15)
- Cleanness (15)
- Composition (20)
- Effective use of Light (35)
- Mounting of Photographs (15)

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SCULPTURE

The art of making three-dimensional forms or designs.

REQUIREMENTS:

1. Only one (1) project can be entered.
2. The National Office will provide display table space.
3. Each contestant is required to make an oral presentation explaining the methods or techniques used in developing the project not to exceed three (3) minutes.
4. Craft projects (i.e. ceramics, macramé, etc.) will not be accepted.
5. Gold medalists advancing to the National Competition level will be required to submit images of their entries via mail.

NOTE: The deadline for submission of national registration documents is May 9, 2016. No materials or copies will be accepted after that time or at the National Competition.

Contestants will be judged by the following criteria:

- Concept (20)
- Composition (20)
- Craftsmanship (20)
- How well the medium was applied (20)
- Dimensional Form (20)