



September 20, 2016

**DIVISION MEMORANDUM**

No. 94, s.2016

**2016 DIVISION SCIENCE AND TECHNOLOGY FAIR AND CONGRESS (DSTFC)**

To: Assistant Schools Division Superintendent  
OIC Assistant Schools Division Superintendent  
Chief, CID and SGOD  
Education Program Supervisors  
Public Schools District Supervisor  
Heads, Public and Private Elementary, Secondary and Senior High Schools  
All Concerned

1. In reference to Regional Memorandum on 2016 Regional Science and Technology Fair and Congress (RSTFC) and the 2016 Division Workplan in Science, the **2016 DIVISION SCIENCE AND TECHNOLOGY FAIR AND CONGRESS (DSTFC)**, thru the Curriculum Implementation Division and the Cavite Association of Science Learning Leaders, will be held on September 27, 2016 (Tuesday) for the Elementary Level, and on September 28, 2016 (Wednesday) for the Secondary and Senior High School Levels at Silang Central School, Silang, Cavite.
2. The fair and congress aim to:
  - a. Promote science and technology consciousness among the youth,
  - b. Identify the most creative and the best science investigatory projects/researches,
  - c. Strengthen the skills of teachers in science content and pedagogy.
3. All contests are open to public and private schools of the division. Secondary schools and Senior High Schools are to participate directly to the division level, and elementary schools should send participants by municipality. Interested Out-of-School Youth (OSY) who are enrolled in the Alternative Learning System (ALS) are encouraged to participate in Robotics competition.
4. The STFC Life and Applied Sciences First Placers (Rank 1) in the individual and team Categories from each secondary school shall submit their written entries on or before September 23, 2016 at the Curriculum Implementation Division (CID) Office, c/o Ms. Estrellita M. de Vera, EPS-Science with the summary of comments signed by the School Scientific Review Committee. (SSRC).
5. All Municipality key personnel, Key Admin in Science, Head Teachers and Master Teachers in Science are requested to download the copies of the International Rules for Pre-College Science Research Guidelines for Science and Engineering Fair 2016-2017 for their guidance. Guides and other Mechanics are attached in this memorandum. Mechanics of the different contest is in accordance with Regional Memorandum No. 270, s 2016 (2016 Regional Science and Technology Fair and Congress) dated August 2, 2016.

6. Expenses to cover test and documentation materials, certificates and awards, honoraria of board of judges, food of the Division Taskforce and Technical Working Group and other related /operational expenses shall be charged against Division Office funds. Travel expenses, food, supplies and materials needed by the participants shall be charged against school/local funds subject to the usual accounting and auditing rules and regulations.

7. Immediate and wide dissemination of this memorandum is highly appreciated.

  
CHERRYLOU D. DE MESA  
OIC, Schools Division Superintendent



## **DIVISION SCIENCE AND TECHNOLOGY FAIR AND CONGRESS (DSFTC) IMPLEMENTING GUIDES AND RULES**

### **A. THE SCIENCE AND TECHNOLOGY FAIR AND CONGRESS**

The Curriculum Implementation Division of DepEd Cavite through the Cavite Association of Science Learning Leaders shall conduct the 2016 DSTFC on September 27, 2016 (Tuesday) for the Elementary level and on September 28, 2016 (Wednesday) for the Secondary and Senior High School levels at Silang Central School, Silang, Cavite.

The 2016 DSTFC with the theme "TRANSFORMING LEARNING, EMPOWERING LEARNERS Through the DSTFC" aims to promote Science and Technology consciousness among the youth, identify the most creative and the best science investigatory projects/researches in the division and strengthen the skills of teachers in science content and pedagogy.

### **B. COMPETITION**

All contest categories are open to public and private schools of the division. All first placers or Rank 1 in each contest category in the Municipality for the Elementary, and Rank 1 from Secondary schools and Senior High Schools are to participate directly to the division level. They are qualified to compete and join in the DSTFC.

Interested Out of School Youth (OSY) who are enrolled in the Alternative Learning System (ALS) are encouraged to participate in Robotics competition.

### **C. PRIZES AND AWARDS**

- C.1. For learners – 1<sup>st</sup> to 3<sup>rd</sup> placers - Certificate of Recognition
- C.2. For Teachers – 1<sup>st</sup> to 3<sup>rd</sup> placers - Certificate of Recognition
- C.3. For Coaches/Principal of the Winning Schools- Certificate of Recognition
- C.4. For Best Performing Municipality & Secondary Schools
  - Top Three Performing Municipality - Certificate of Recognition
  - Top Three Performing Secondary School - Certificate of Recognition

### **D. HOST SCHOOL**

The 2016 DSTFC will be hosted by the municipality of Silang Elementary Schools at Silang Cavite to accommodate the various elementary, secondary and Senior High School contests categories.

The Host school shall:

1. Provide good venues for efficient implementation of the contests
  2. Provide tarpaulin, opening and closing program, other needs
  3. Provide contest rooms, playing field, and holding/waiting area
  4. Assist the Division CID staff for some clerical works
  5. Assist the participants in the entire duration of the DSTFC
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## E. OFFICIAL PARTICIPANTS

The official participants to the DSTFC from each municipality (elementary level) shall be the Rank 1 winners in each of the different contests and from each Secondary school in the Secondary level and Senior High School level duly endorsed by the School Head. Only one adult in charge or coach shall accompany the participant /contestant in the venue per day per event. The official list of participants and coaches shall be approved by the PSDS. **Please use the attached 2016 DSTFC Confirmation Sheet.**

Contest	Category/Grade Level	Maximum Number of Participants	Total
Investigatory project	Teachers Category/STEM	1	1
	Learners Category /Secondary	3 (LS & PS -Team)	3
	Learners category /Elementary	1 (LS & PS-individual)	1
		2 (individual/team) (LS or PS)	2
Robotics Project	Learners Category /Secondary	Type 1 : Sumobot	1
		Type 2: Line Tracing	1
		Type 3: Innovative	1
		Type 4: Dancing	1
	Teacher Category /STEM	1 (individual)	1
Quiz Bee	Learners category/Elementary	1(G1 to G3)	3
		1(G4-G6)	3
	Learners Category /Secondary	1(G7-G10)	4
		1 (any grade level)	1
	Teachers Category /Elementary	1 per grade level	4
	Teachers Category/Secondary		
Science Videos	Teachers Category / Elem	1 from Grade 3	1
Infographics	Teachers Category /Elementary	1 from Grade 4	1
Sci-Folio	Teachers Category /Elementary	1	1
	Teachers category/Secondary	1	1
Science Mind Maps	Learners Category /Elementary	1	1
Innovative IMs	Teachers category /Secondary	1	1
	TOTAL		33



**F. CONTESTS AND COMPETITIONS**

**F.1. Learners Category: Elementary**

- a. Quiz Bee for the Elementary Pupils - Over All Winners from Grades 1-6
- b. Investigatory projects - Life /Applied Science: Team or Individual  
- Science Mind Maps

**Teachers Category: Elementary**

- o Science Videos
- o Infographics
- o Scie-folio
- o Quiz bee for Elementary teachers

**F.2. Learners Category: Secondary**

- a. Quiz Bee for the Secondary –One per level Grades 7-10
- b. Investigatory projects - Life Science Individual and Team (3 members)  
- Physical Science Individual & Team (3 members)
- c. Robotics: Types: Sumobot, Line Tracing, Dancing Robot, Innovative Robot  
(Theme based)

**Teachers Category: Secondary**

- a. Innovative Instructional Materials
- b. Scie-Folio
- c. Quiz bee for Teachers per Grade level (Grades 7-10)

**STEM – Learners category**

- a. Robotics: Open Category /Innovative Robot (Based on the theme)

**STEM – Teachers category**

- a. Investigatory projects : Life or Physical (Robotics) –Team or Individual

**G. IMPORTANT 2016 DSTFC DATES & REQUIREMENT**

Dates of Activities	Requirement
August 3 <sup>rd</sup> – 4 <sup>th</sup> week of 2016	Conduct of Municipality level for elementary S & T Fair and Congress Conduct of Secondary School based level S& T Fair and Congress
September 23,2016	Submit written entries, summary of comments , requirement and recommendation of SRC/DRC Submit Official list of participants using 2016 DSTFC Confirmation Sheet to: -Dr. Cristina Austria, Principal Munting Ilog National High School, Silang -Annaliza Poniente ,Principal Pansin Elementary School , Alfonso
September 23, 2016	Evaluation of SIP research papers by Division Review Committee
September21- 23, 2016	Submit test questions for the Quiz (District MT - 30 test questions written phase and 10 questions for oral phase per grade level & Secondary School HT/MT – 60 items written phase & 10 items for oral -per grade level
September 23, 2016	Consolidation of test items by Test

September 27, 2016 - Elementary September 28, 2016 - Secondary	Committees Conduct of 2016 DSTFC at Silang Central School, Silang, Cavite
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#### H. HE 2016 DSTFC PROGRAM OF ACTIVITIES

Time	Activities
A.M.	
7:00 - 8:00	Registration / Putting up of Exhibits
8:00 - 9:00	Opening Program Doxology Philippine National Anthem Pledge of Allegiance Cavite Hymn Welcome Address - Host PSDS Presentation of Participants - Dr. Cristina Austria/ - Salvador Espineli Message- Dr. Elpidia B. Bergado, Chief-CID -Dr. Elias A. Alicaya, OIC ASDS - Dr. Editha M. Atendido, ASDS - Ms. Cherrylou D. De Mesa – SDS Mechanics of the Contest- Estrellita M. De Vera, EPS Science Contest Venue/House rules – Host Principal Emcee - Host School
9:00 - 9:30	COFFEE BREAK
9:30 - 12:00	Science Quiz Bee -Written Phase SIP Preliminary Judging Science Folio/ Infographics/Mind Mapping Science Video/Innovative Instructional Materials Robotics Preliminary Judging
P.M.	
12:00 - 1:00	LUNCH BREAK
1:00 - 3:00	Science Quiz Bee - Oral Phase Science Congress/SIP Final Judging Science Folio/ Infographics/Mind Mapping Science Video/Innovative Instructional Materials Robotics Final Judging
3:00 - 4:00	Validation of Results
4:00 - 5:00	Awarding /Closing Ceremony - CASLL Officers
5:00 - 5:30	Tearing Down/Home Sweet Home