



February 17, 2014

Division Memorandum
No. 089, s. 2014

**THREE-DAY LIVE-IN SEMINAR-WORKSHOP ON SCIENCE
INVESTIGATORY PROJECT**

To: OIC, Assistant Superintendents
Education Supervisors / Coordinators
District Supervisors / OICs
Elementary and Secondary School Heads
SSES Implementing School Heads
STE/ESEP School Heads

1. To improve the Science Investigatory Project-Research of our pupils/students and to attain the maximum participation of all science-secondary and elementary schools recognized and unrecognized/legislated schools, this Office announces the holding of the Three-Day Live-In Seminar-Workshop On Science Investigatory Project on February 26-28 ,2014 at Golden Prince Hotel and Suites, Acacia St. , Cebu City.
2. Participants to this training are science teacher-advisers of Science Investigatory Project for an individual category and team category and prospective pupil/student researchers for individual and team category and school heads of SSES/STE/ESEP Schools and unrecognized/legislated SciTech Schools.
3. The participants need to bring SIP sample and Laptop with extension wires.
4. Transportation and registration fee of **Three Thousand Pesos (Php 3,000.00)** per participant for board and lodging, use of conference room, hand outs, meals and afternoon snacks are chargeable against **SSES/STE/ESEP** support funds, local school **/SEF/PTA/ Science Club/ School MOOE** Funds (limited to one participant only) or any other source of funds ,subject to availability and the usual accounting and auditing rules and procedures.
5. Interested participants are requested to submit their names to this Office (Attention: Mrs.Juvimar E.Montolo,Division Science Coordinator) c/o Ms.Marilyn Cuesta on or before Thursday, February 20,2014.
6. This Memorandum serves as participants' Authority to Travel.
7. Immediate dissemination of this Memorandum is desired.


ARDEN D. MONISIT, Ed.D.
Schools Division Superintendent

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DAY 1		
TIME	Input	Output
9:00 – 10:00	The nature of SIP's	
10:00 – 11:00	Experimental Research Design	Activity on Variables/Groups
11:00 – 12:00	Problem Conceptualization	Group Activity on Problem Conceptualization
1:30 – 2:00	Dissecting the Main Problem	Group Activity on Sub-problem Formulation
2:00 – 3:00	Rationale Vs. Significance of the Study	Activity: Outline of Rationale and Significance of the Study
3:00 – 5:00	RRL: Theoretical Background Vs. Related Studies	Activity on Bibliographic Sources Activity on Concept Diagrams of Theoretical Background

DAY 2		
TIME	Input	Output
8:30 – 10:00	Research Methodology: Sample, Materials, Instruments, Procedures, Treatments, Set-up	Activity on Sampling Methods Standardizations Instrumentations Standard Tests Significant Figures
10:00 – 10:30	Results and Discussion: Procedure + Data + Analysis	
10:30-11:00	Common Qualitative Tools in Data Analysis	
11:00 – 12:00	Hypothesis Testing	
1:30 – 3:00	Common Statistical Treatments in Data Analysis	Activity on Basic Statistical Tools
3:00 - 4:00	Consideration and Treatment of Errors	Activity on the Common Sources of Errors
4:00 – 5:00	Formulating Conclusions and Recommendations	
	Technical Aspects of Writing Research Reports	

DAY 3		
TIME	Input	Output
8:30 – 10:00	Technical Aspects of Writing Research Reports (Proposal to Final Paper)	Activity: Paragraph writing of formal report
10:00-12:00	Reiteration of the Salient Parts of SIP's	Group Activity: Outlining an Investigatory Project
1:30 – 3:00	Dynamics of Presentation	Presentation and Critiquing of Outlines
3:00 - Onwards	OPEN FORUM	