



Republic of the Philippines
Department of Education
 REGION VIII - EASTERN VISAYAS

September 13, 2022

REGIONAL MEMORANDUM

No. **1028**, s. 2022

**FIELD TESTING AND UTILIZATION OF THE VALIDATED 21ST CENTURY
 PROJECT-BASED LEARNING (21PBL) RESOURCE PACKAGES**

To: Schools Division Superintendents
 All Others Concerned

1. The Department of Education Regional Office No. VIII, through the Curriculum and Learning Management Division (CLMD), shall conduct the Field Testing and Utilization of the Validated 21st Century Project-Based Learning (21PBL) Resource Packages in Edukasyong Pantahanan at Pangkabuhayan (EPP), Technology and Livelihood Education (TLE), Technical Vocational Livelihood (TVL) and some disciplines of the Senior High School (SHS) this Quarter 1 of the School Year 2022-2023.
2. The activity aims to field test the validated 21PBL resources for further enhancement and to measure the effectiveness of the material as a pedagogical approach and authentic assessment of learners' performance.
3. The following documents are enclosed for reference:
 - a. List of the developed 21st Century Project-Based Learning Resource Packages for Field Testing and Implementation;
 - b. Guidelines on Field Testing and Implementation Procedure;
 - c. Field Testing Tool;
 - d. Implementation Assessment Tool; and
 - e. Monitoring Tool.
4. An orientation for the Field Testing and Utilization of the Validated 21st Century Project-Based Learning (21PBL) Resource Packages with the Team Members composed of the Division Education Program Supervisor in EPP/TLE/TVL and SHS, Learning Facilitators, School Head of the identified schools, and the teacher-writers will be conducted on September 19, 2022, 2:00 PM via Microsoft Teams https://bit.ly/FieldTesting_21PBL.



5. In order to ascertain the proper conduct of the field testing and utilization of the 21PBL resource packages, the Regional and Division Personnel are expected to monitor the activity.
6. Travel and other incidental expenses incurred by the Regional and Division Monitors shall be charged against Local Funds while the preparation and reproduction of the materials to school funds, subject to the usual government accounting rules and regulations.
7. Immediate dissemination of and compliance with this Memorandum are desired.


EVELYN R. FETALVERO, CESO IV
Regional Director

Enclosures: As stated

References: As stated

To be indicated in the Perpetual Index under the following subjects:

21PBL FIELD TESTING AND IMPLEMENTATION



CLMD-ESF

Enclosure 1 of RM 1,028, s. 2022

21st Century Project-Based Learning (21PBL) Resource Packages for Field Testing and Utilization

A. Elementary: Grade 4-6, Edukasyong Pantahanan at Pangkabuhayan

DIVISION	SCHOOL	AUTHOR/S	21PBL OUTPUT TITLE	LEVEL / LEARNING AREA	INTERDISCIPLINARY CURRICULUM
Baybay City	Igang ES	Luzviminda A. Ortega	Pera sa Pagpreserba	Grade 6 Home Economics	Science, ICT / Entrepreneurship
Biliran	Naval CS SPED Center	Arvin T. Garzon	Planting Together, Growing Together	Grade 6 Agriculture	ESP
Borongan City	Bato ES	Nolissa A. Voloso	Project SELLS (Students Engage a Lively and Likeable Sale)	Grade 6, ICT - Entrepreneurship	ESP, MAPEH Arts and Health, English, Filipino, Science
Calbayog City	Anislag ES	Ma. Carren M. Julaton	Sa Katutubong Gulay, Agri-Bida Ka!	Grade 5 EPP – Agriculture	Math, Science, English, ESP, MAPEH, Filipino
Catbalogan City	Bagongon ES	Joel Christian R. Salentes	Putting TRASH into Action	Grade 6 TLE-Industrial Arts	ESP, Science, MAPEH-Arts and Health,
Eastern Samar	Lawaan CES	Rey P. Cajandoc	Abono sa Kusina	Grade 5 Agriculture	Science, Filipino, ICT
Maasin City	Lib-og ES	Ma. Irish B. Gerzon	The Young Hog Raisers	Grade 6 Agriculture	ESP, Health, ICT, Math, English
Northern Samar	San Juan ES	April R. Quijano and Myra L. Bato	Batang Maaasahan	Grade 4 Home Economics	Filipino
Ormoc City	Valencia CS	Elvira G. Dapiton	Pambatang Lasa Para sa MASA	Grade 4 Home Economics	Science, Math, Filipino, Health, Araling Panlipunan, ESP
Samar	San Agustin ES	Marlon R. Magos	Ang Batang AGRI-IGP	Grade 5 EPP Agriculture	ICT / Entrepreneurship, Science, ESP, Math
Southern Leyte	Pinamudlan ES	Angelina M. Magoncia	I-CARE: Crafts Mini Fair (Individual – Consciousness and Airy in Repurposing Recyclable Materials to help save Environment)	Grade 4 Home Economics	ICT / Entrepreneurship, MAPEH-Arts and Health, Science, Filipino
Tacloban City	San Jose CS	Sancha A. Lucenda	Project PEEL: Preserve, Earn and Enhance Learning	Grade 6 Home Economics	ICT / Entrepreneurship, Mathematics, Science

B. Junior High School: Grade 7-10, Technology and Livelihood Education (TLE)

DIVISION	SCHOOL	AUTHOR/S	21PBL OUTPUT TITLE	LEVEL / LEARNING AREA	INTERDISCIPLINARY CURRICULUM
Baybay City	Baybay NHS	Maria Aurora M. Miguel and Fritz Stephen D. Solamo	Resiklo Ko, I-rampa Mo	Grade 7/8, Handicraft Making	Health, English, Cookery, Math, Edukasyon sa Pagpapakatao
Biliran	Cabucgayan NSAT	Ritchelle P. Balondo	Pagkaon Mo, Negosyo Ko	Grade 8 Food Processing	Entrepreneurship, English, Mathematics

Borongan City	Calingatngan NHS	Sharon C. Sumagang	Project SHOW (Showcase Operable Work Tools)	Grade 7/8, Cookery	English, Filipino, MAPEH, Media and Information Literacy
Calbayog City	Tarabucan NHS	Maricel A. Rangas	EGGSperimentation of LOCAL DISHES	Grade 10 Cookery	Science, English, MAPEH, Media and Information Literacy, Entrepreneurship
Catbalogan City	Samar NS	Ave L. Pacayra	Kita sa Garapon	Grade 7 TLE AFA – Food (Fish) Processing	Mathematics, Science
Eastern Samar	Dao IS	Samuel M. Flores	Paghirot Sangkay: A Safety Measures in Farm Operations	Grade 7/8 Animal Production	English
Leyte	Carigara NHS	Orlando Q. Anacleto	RESIKLO (REusing School's scrap materials through Integration in Knowledge and Learning-process by devising Outputs)	Grade 10 Shielded Metal Arc Welding (SMAW)	ESP, Araling Panlipunan, MAPEH
Leyte	Tanauan SCHI	Allan P. Chavez	Project ILAW (Indigenous Lampshade making by Applying basic Wiring)	Grade 10 Electrical Installation and Maintenance	English, MAPEH-Arts
Maasin City	Hinapu Daku NHS	Arcquel G. Samaco	Egg Cited	Grade 10 Cookery	Health, English
Northern Samar	Capul AIS	Ariel Bomitivo	Project TRIMS (Teachers Records Information Management System)	Grade 9 ICT	Mathematics, English
Ormoc City	New Ormoc City NHS	Miraliza A. Dizon	Project IO365	Grade 9 Computer Systems Servicing	English, ESP
Samar	Osmena NHS	Raymundo C. Macalalad Jr.	Konek Ka Dyan	Grade 7/8 Electrical Installation and Maintenance	ICT, EPAS
Tacloban City	Leyte NHS	Edsylvia Marie M. Colico	Pangisnak Kita	Grade 7/8 Cookery	English, Math, MAPEH-Arts and Health, Araling Panlipunan

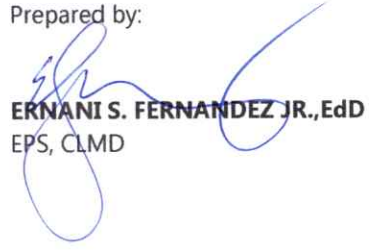
C. Technical Vocational Livelihood (TVL) and some disciplines of Senior High School (SHS): Grade 11-12

DIVISION	SCHOOL	AUTHOR/S	21PBL OUTPUT TITLE	LEVEL / LEARNING AREA	INTERDISCIPLINARY CURRICULUM
Baybay City	Baybay City SHS	Angelie B. Calutan	Abot sa Nangka, Kaugmaon sa mga Bata!	Grade 11 Cookery	Oral Communication, Food Processing, Entrepreneurship, Media and Information Literacy
Biliran	Naval SF	Lucell C. Jampas	A Reflective Researcher	Grade 12 Practical Research 2	Homeroom Guidance Program, English for Academic and Professional Purposes, Media and Information Literacy
Calbayog City	Calbayog City NHS	Arvin R. Soliva	ECO Poetry Presentation: Loving SIDAY	Grade 11 21 st Century Literature from	Empowerment Technologies, Oral

			(Students' Integrative and Diverse Activities that Yield Globally Competitive 21 st Century Learners)	the Philippines and the World	Communication, Earth and Life Science
Catbalogan City	Guinsorongan NHS	Antonette I. Radomes	We Care, We'll Share!	Grade 11 Earth and Life Science	Personal Development, Empowerment Technology, Komunikasyon at Pananaliksik sa Wika at Kulturang Filipino, Oral Communication
Eastern Samar	Sulat NHS	Jonathan G. Merillo	Panday-Tuhay: Re-designing My Community	Grade 12 English for Academic and Professional Purposes	Empowerment Technologies, Creative Nonfiction, Media and Information Literacy, Community Engagement, Solidarity and Citizenship
Leyte	Cabacungan NHS	Rex C. Briones <i>and</i> Juvy Ann Darantinao	Project SENIORS (Sympathy and compassion Established through Noble Interviews, Observations and Reports)	Grade 11 Practical Research 1	Oral Communication, English for Academic and Professional Purposes, Media Information Literacy
Leyte	Sta. Fe Stand-Alone SHS	Ralph Anthony Ceron	ICT Summit Exposé	Grade 11 Empowerment Technologies	Pagbasa at Pagsusuri sa Iba't-ibang Teksto Tungo sa Pananaliksik, Oral Communication,
Leyte	Sta. Fe Stand-Alone SHS	Aisha C. Cajote	Project CHILD (Children's Health to Improve from Losing Weight and Diminished Nourishment)	Grade 11 Caregiving	21 st Century Literature from the Philippines, Oral Communication
Leyte	Sta. Fe Stand-Alone SHS	Ronnie F. Tambal	The Human Equality Advocacy	Grade 12 Understanding Culture, Society and Politics	Empowerment Technologies, Practical Research 2, English for Academic and Professional Purposes, Reading and Writing, Oral Communication, Media and Information Literacy
Maasin City	Maasin City NHS	Ian R. Maglines <i>and</i> Karen Gladys C. Delizo	Project SUGA: Suga Ug Giya Amomaha (Phase I) Lighting the Way for a Brighter Future	Grade 12 General Physics	Oral Communication, Empowerment Technologies, English for Academic and Professional Purposes
Northern Samar	San Vicente SOF	Leonor Luba	Captain Salbar: Developing Young Heroes (Phase I)	Grade 11/12 Disaster Readiness and Risk Reduction	Earth and Life Science, English for Academic and Professional Purposes, Reading and Writing, Culminating Activity
Ormoc City	Ormoc City SHS	Nemesia M. Manatad	Veggie-Buns (Vegetized and Enhanced Goodies, Good for the Individual to Eat)	Grade 11 Bread and Pastry	Cookery, Practical Research 1, Empowerment Technology, Entrepreneurship, Oral Communication

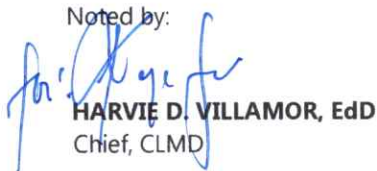
Samar	Jiabong NHS	Edrielyn C. Campilla	PAG-ATAMAN	Grade 11 Caregiving	Personal Development, Understanding Culture, Society, and Politics
Southern Leyte	Liloan TVNHS	Hilario P. Rodriguez Jr.	The Builder	Grade 12 Shielded Metal Arc Welding (SMAW)	Environment and Market, Media and Information Literacy, Empowerment Technologies
Southern Leyte	Sogod NHS	Geneveve C. Falcon	EKAW InT Grad (Empowered Knowledge Associativity with Workmanship and Integration with Graphics and Design)	Grade 11/12 Empowerment Technologies	English for Academic and Professional Purposes, Oral Communication
Tacloban City	Leyte NHS	Almer H. Bugal	Systems Designer	Grade 12 Computer Programming .Net	Entrepreneurship, Basic Research and Technical Writing

Prepared by:



ERNANI S. FERNANDEZ JR., EdD
EPS, CLMD

Noted by:



HARVIE D. VILLAMOR, EdD
Chief, CLMD

Enclosure 2 of RM _____, s. 2022

GUIDELINES ON FIELD TESTING AND IMPLEMENTATION OF THE DEVELOPED 21ST CENTURY PROJECT-BASED LEARNING RESOURCE PACKAGES

A. Pre-Field Testing and Implementation

1. Coordinate with the principal regarding the field testing and implementation of the 21PBL.
2. Partner with teacher/s within the grade level based on the interdisciplinary curriculum design.
3. Create a School Field Testing and Implementation Team (SFTIT).
4. Conduct an orientation and present the 21PBL to the SFTIT members.
5. Identify the learners who will be included in the field testing. *(For schools with enough number of sections in a particular grade level where the pedagogical innovation will be field tested, the teacher-implementer will only conduct field testing in one section which will serve as the experimental group while one section is the control group. For the schools which only have one section in a particular grade level, the teacher-implementer needs to divide the class into the experimental and control group.)*
6. Orient the learners on the pedagogical innovation for the learning approach and assessment strategies.
7. Inform the parents of the 21PBL field testing and implementation for their support.

B. Actual Field Testing and Implementation

1. Conduct a pre-test of the competence of the learners (content, interdisciplinary curriculum, ICT and 21st century skills).
2. Record, analyze and interpret the result.
3. Provide a copy of the 21PBL resources to the learners.
4. Orient the learners on how to use the 21PBL as their performance task and formative/summative assessments.
5. Discuss to the learners the target skills that need to be achieved including ICT and 21st century skills.
6. Let the learners utilize the 21PBL for Quarter 1 with the guidance of the teacher-implementer.
7. Document the process (refer to the Social Media Guidelines and RA 8293 Intellectual Property Code of the Philippines) and provide weekly reports and journals.

C. Post-Field Testing and Implementation

1. Conduct a post-test of the competence of the learners (content, interdisciplinary curriculum, ICT and 21st century skills).
2. Measure the test of difference between the pre and post-test.
3. Submit the Field Testing and Implementation Report.

4. Incorporate the relevant observations, comments, suggestions and recommendations.
5. Finalize and submit to DepEd Region VIII - CLMD the 21PBL resource packages.

D. List of Documents for Submission

1. Accomplishment Report that includes the following:
 - a. Copy of the Pre/Post-Test of the specific learning area and interdisciplinary curriculum with Table of Specifications
 - b. Names of the School Field Testing and Implementation Team Members
 - c. Documentation Report during the Orientation of SFTIT Members and Learners
 - d. Pre-Test Result
 - e. 21st Century Skills Assessment Result
 - f. Grade Sheet of the Learners reflecting the Performance Task and Assessment
 - g. Post-Test Result
 - h. Analysis of the Test of Difference between Pre and Post-Test
2. Copy of the Learner's Portfolio
3. Field Testing and Implementation Report
 - a. Observation, Comments, Suggestions and Recommendation
 - b. Pedagogical Approach
 - c. Assessment Strategies
 - d. Learning Outcomes
4. Final Version of the 21PBL with PowerPoint Presentation

E. Monitoring Schedule

1. Monitoring shall be done any day from the issuance of the memorandum until the end of Quarter 1.

Enclosure 3 of RM _____, s. 2022

**21ST CENTURY PROJECT-BASED LEARNING (21PBL) RESOURCE PACKAGE
FIELD TESTING TOOL**

Name of Learner: _____ **Grade and Section:** _____

Name of School: _____ **Division:** _____

Direction: Please tick the appropriate column for your honest answer to each question.

Particulars	Yes	No	Remarks	
			Page No.	Comments
1. Is the title catchy, impactful and relevant for the particular topic?				
2. Is the content relevant and aligned with the learning competencies?				
3. Are the interdisciplinary curriculum's competencies relevant to the activities?				
4. Is the design enhances deeper learning?				
5. Are the lessons and instructions clear?				
6. Is the language easily understood?				
7. Is the length of sentences suitable to the comprehension level of the learners?				
8. Is the vocabulary appropriate to the learner's experience and understanding?				
9. Are the situation of activities easy to follow?				
10. Are the activities designed to enhance higher order thinking skills and the development of 21 st century skills?				
11. Can the tasks be completed within the allotted time frame?				
Suggestions / Recommendations				

Signature of Learner

Date

Signature of EPS

Date

Enclosure 4 of RM _____, s. 2022

**21ST CENTURY PROJECT-BASED LEARNING (21PBL) RESOURCE PACKAGE
IMPLEMENTATION ASSESSMENT TOOL**

Name: _____ Designation: _____

Name of School: _____ Division: _____

Direction: Please tick the appropriate column for your honest answer to each indicator.

21PBL Indicators	Yes	No	Remarks
1. The project's main goal is to impart essential knowledge and understanding to learners that are drawn from standards and success skills, such as 21st-century skills.			
2. The project is designed around a meaningful challenge for students to solve or question to answer, operationalized by an engaging, thought-provoking driving question.			
3. The project involves an active process in which students create questions, locate and use resources, pose follow-up questions, and come up with their own solutions.			
4. The project has real-world context, utilizes real-world procedures, tools and quality standards, has a genuine impact, and/or is associated with the concerns, interests, and identities of the learners themselves.			
5. With guidance from the teacher and considering their age and 21PBL experience, the project gives students the opportunity to make decisions about the things they produce, how they work, and how they utilize their time.			
6. The project provides opportunities for learners to reflect on what and how they are learning and on the project's design and implementation.			
7. The project includes processes for students to give and receive feedback on their work, in order to revise their ideas and products or conduct further inquiries.			
8. The project requires students to demonstrate what they learn by creating a product that is presented or offered to people beyond the classroom.			
Suggestions / Recommendations			

Signature of the Teacher / Principal

Date

Signature of EPS

Date

Enclosure 5 of RM _____, s. 2022

21ST CENTURY PROJECT-BASED LEARNING (21PBL) RESOURCE PACKAGE MONITORING TOOL

Teacher-Implementer: _____

Name of School: _____ **Division:** _____

Title of the 21PBL: _____

Direction: Please tick the appropriate column for your honest answer to each indicator.

Indicators	Yes	No	Remarks
1. Created a School Field Testing and Implementation Team.			
2. Conducted an orientation and presented the 21PBL to the SFTIT, learners and parents.			
3. Pre-Tested the learners' competence: content, interdisciplinary curriculum, ICT and 21 st Century skills.			
4. Recorded, analyzed and interpreted the results of the learners' pre-test.			
5. Produced copies of 21PBL for learners utilization.			
6. Documented the 21PBL field testing and implementation process.			
7. Accomplished the grade sheets of the learners reflecting the performance task and assessment.			
8. Post-Tested the learners' competence: content, interdisciplinary curriculum, ICT and 21 st Century skills.			
9. Produced report on the test of difference between pre and post-test results.			
10. Accomplished the field testing and implementation report.			
11. Incorporated the relevant observations, comments, suggestions, and recommendations for further enhancement of the 21PBL.			
12. The final version of the 21PBL is ready for submission.			
Other Observations:			

Signature of EPS

Date