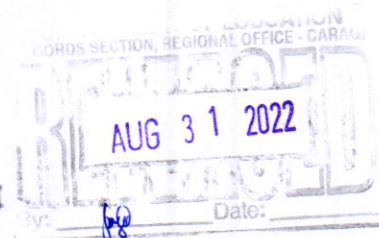




Republic of the Philippines
Department of Education
CARAGA REGION



August 31, 2022

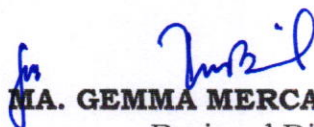
REGIONAL MEMORANDUM

No. 0744, s. 2022

To: SCHOOLS DIVISION SUPERINTENDENTS
This Region

MONITORING AND EVALUATION RESULTS OF THE INTERNET- AND
CLOUD-BASED LEARNING ASSESSMENT SUBMISSION SYSTEM
(iCLASS) FOR ACADEMIC QUARTER 4, SY 2021-2022

1. The field is hereby informed of the enclosed summary results of the monitoring and evaluation on assessment in Science through the Internet- and Cloud-based Learning Assessment Submission System (iCLASS) for the Academic Quarter 4, SY 2021-2022.
2. The release of these M&E results aims to:
 - a. inform the education leaders on the least-learned competencies, learners' proficiency levels, teachers' remote learning strategies, and issues and concerns regarding teaching and learning during the Academic Quarter 4 of SY 2021-2022 that may be used for the development of interventions and capacity buildings;
 - b. inform teacher-researchers on the least-learned competencies and learners' proficiency levels in Science that may aid them in preparing research proposals focusing on Science Education; and
 - c. provide education leaders with links for the isolate data that they can use and analyze for a more focused intervention.
3. Schools Division Offices (SDOs), districts, and schools may also isolate specific data relevant to their context using the dynamic links found at https://bit.ly/RawDataQ4_SY2021-2022iCLASS.
4. For concerns and clarifications, you may email the Regional Science Coordinator Mr. Kevin Hope Z. Salvana at kevinhope.salvana@deped.gov.ph.
5. Immediate and wide dissemination of this Memorandum to all concerned is highly desired.


MA. GEMMA MERCADO LEDESMA
Regional Director

Encls.: None

Reference: None

To be indicated in the Perpetual Index

under the following subjects:

ASSESSMENT

DATA

EVALUATION

CLM/khzs
08/31/2022



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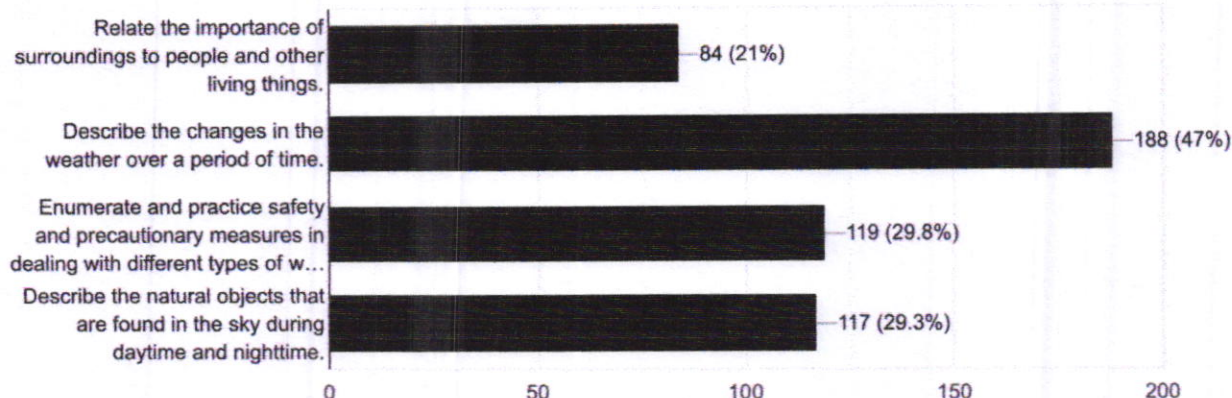
RESULTS OF THE iCLASS QUARTER 4 SY 2021-2022

I. Least-learned MELCs

Science 3

What is/are the least-learned MELCs in Science 3 for the 4th Quarter (Earth and Space)?

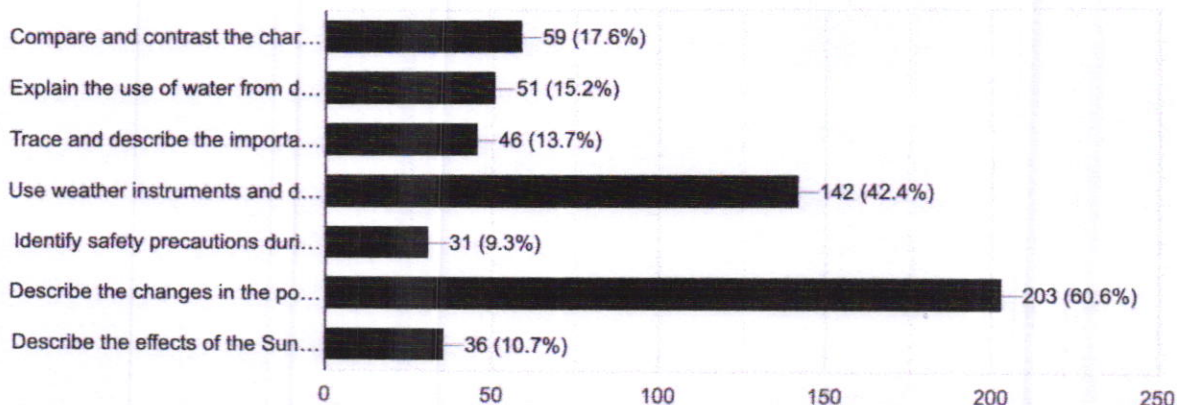
400 responses



Science 4

What is/are the least-learned MELCs in Science 4 for the 4th Quarter (Earth and Space)?

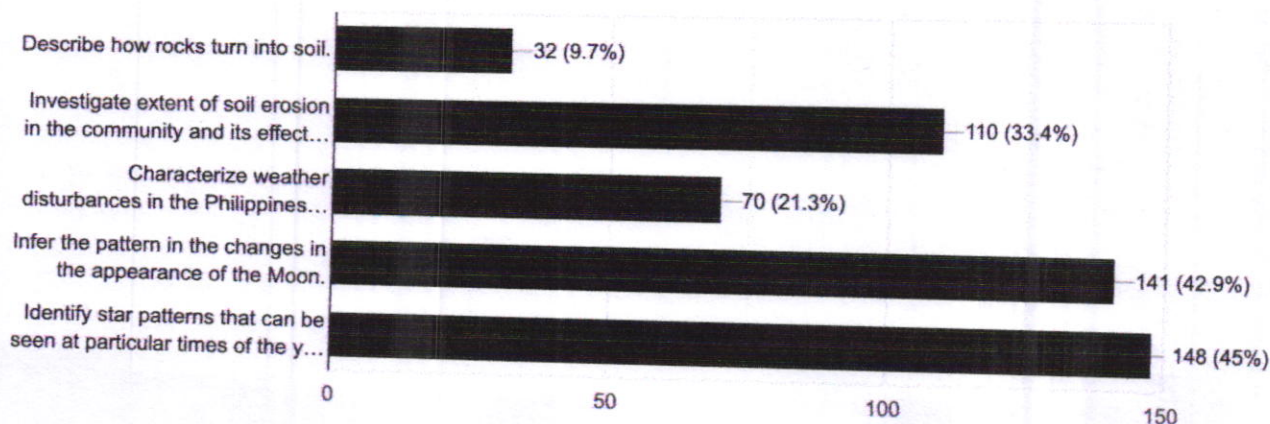
335 responses



Science 5

What is/are the least-learned MELCs in Science 5 for the 4th Quarter (Earth and Space)?

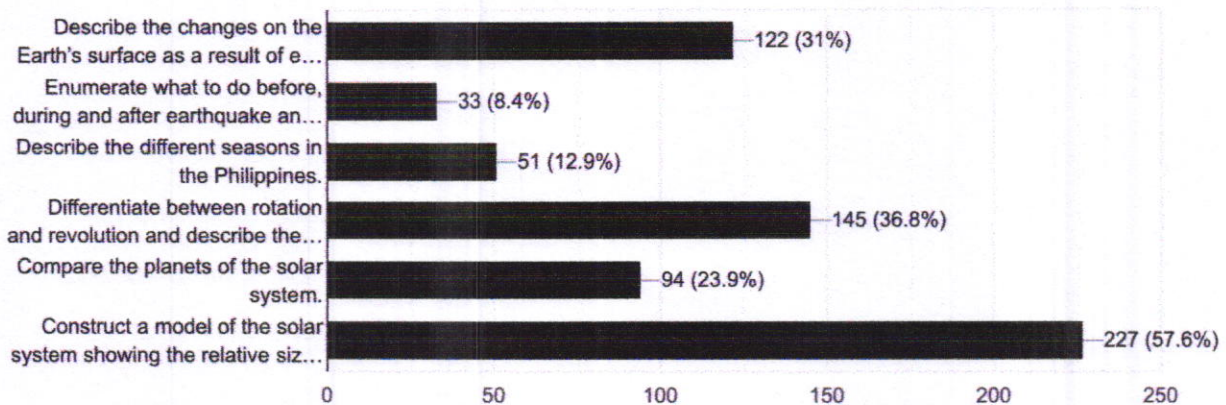
329 responses



Science 6

What is/are the least-learned MELCs in Science 6 for the 4th Quarter (Earth and Space)?

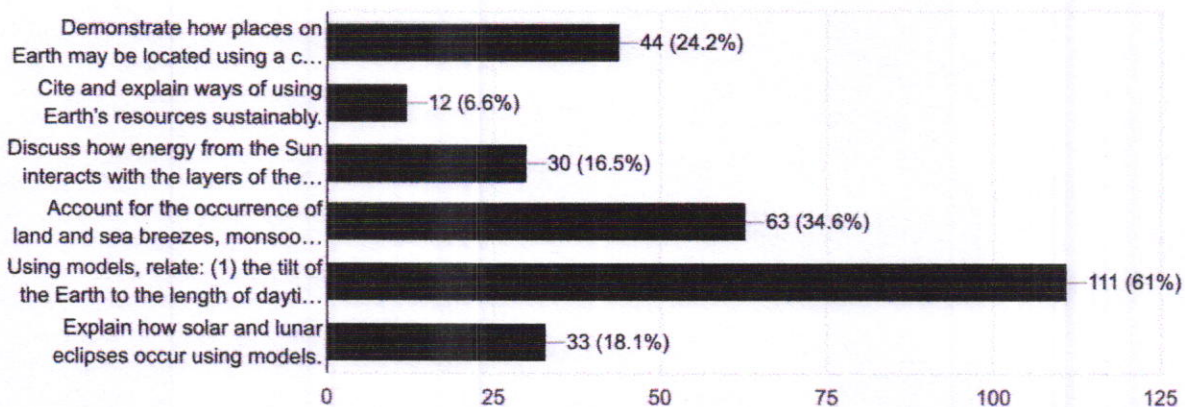
394 responses



Science 7

What is/are the least-learned MELCs in Science 7 for the 4th Quarter (Earth and Space)?

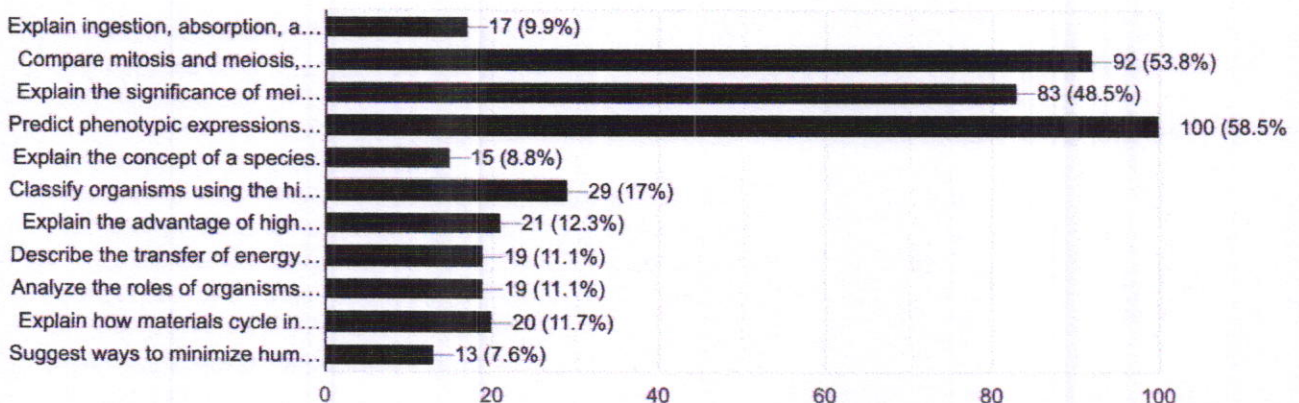
182 responses



Science 8

What is/are the least-learned MELCs in Science 8 for the 4th Quarter (Living Things and Their Environment)?

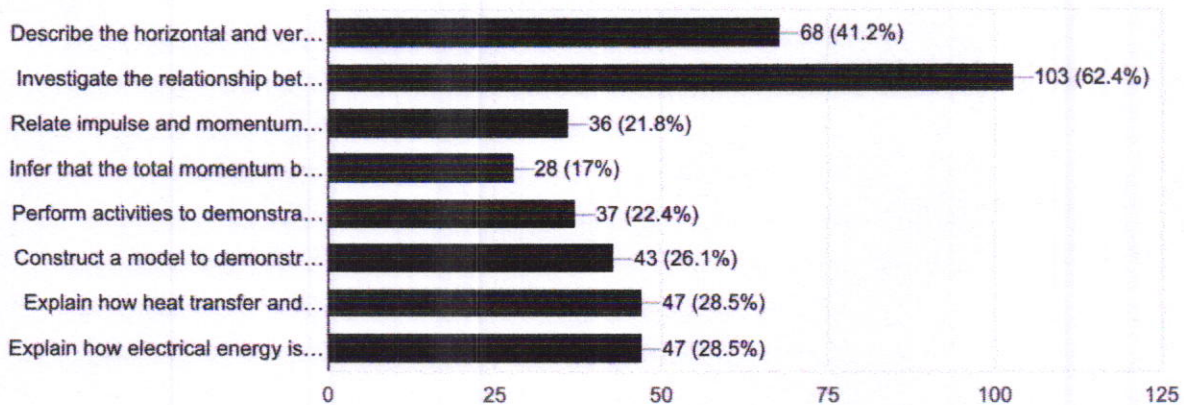
171 responses



Science 9

What is/are the least-learned MELCs in Science 9 for the 4th Quarter (Force, Motion and Energy)?

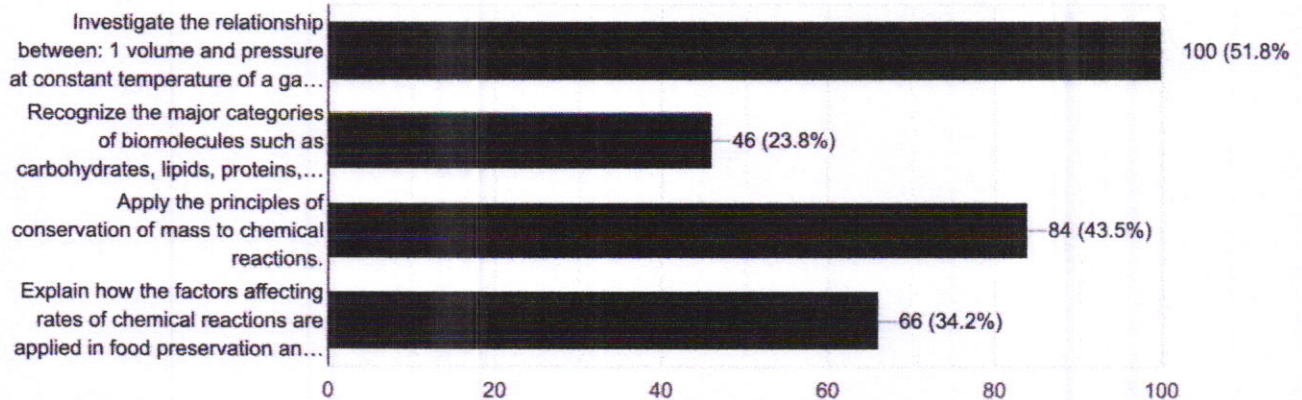
165 responses



Science 10

What is/are the least-learned MELCs in Science 10 for the 4th Quarter (Matter)?

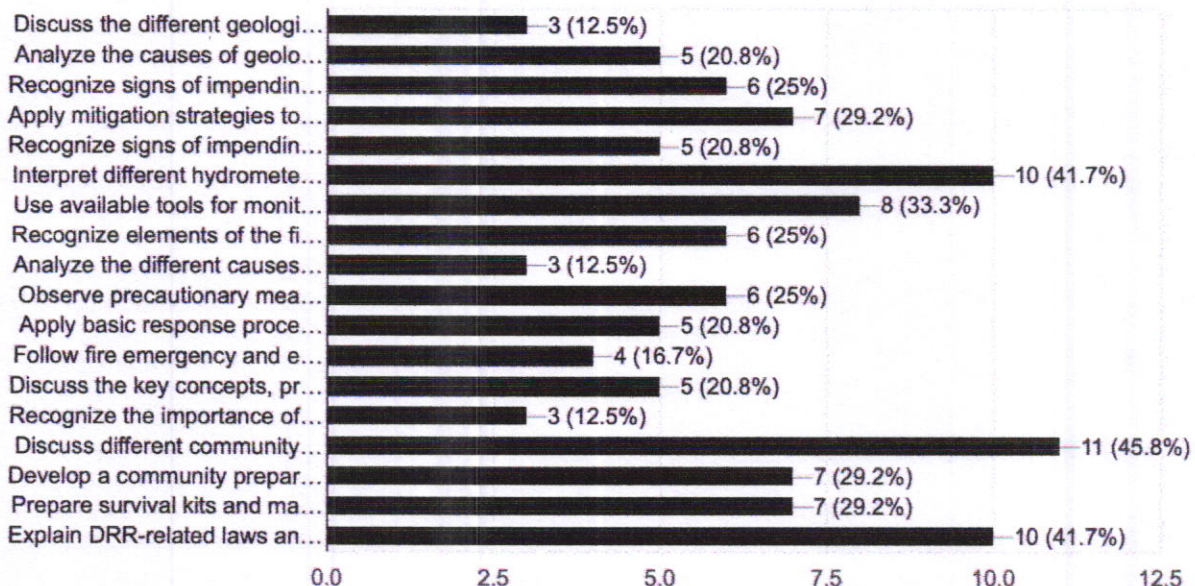
193 responses



SHS-DRRR

What is/are the least-learned MELC(s) in SHS-DRRR for the Second Half (2nd or 4th Quarter)?

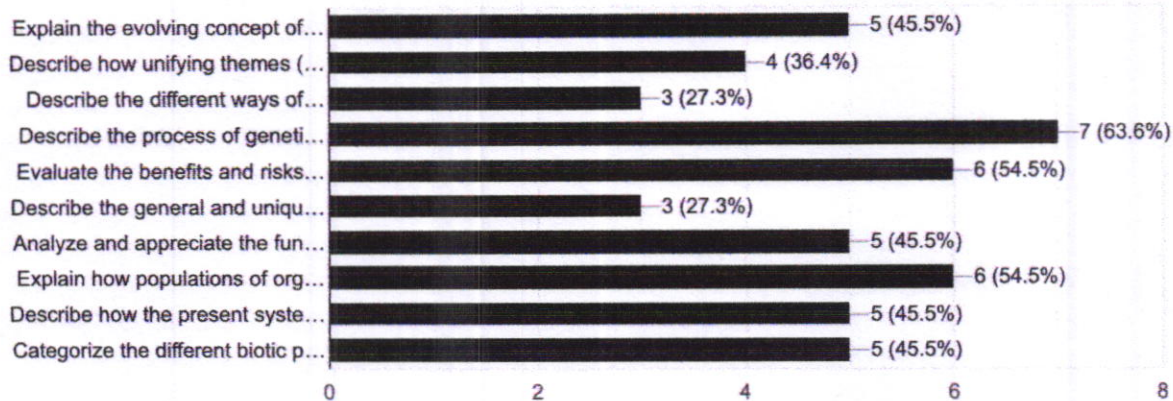
24 responses



SHS-Earth and Life Science

What is/are the least-learned MELC(s) in SHS-Earth and Life Science for the Second Half (2nd or 4th Quarter)?

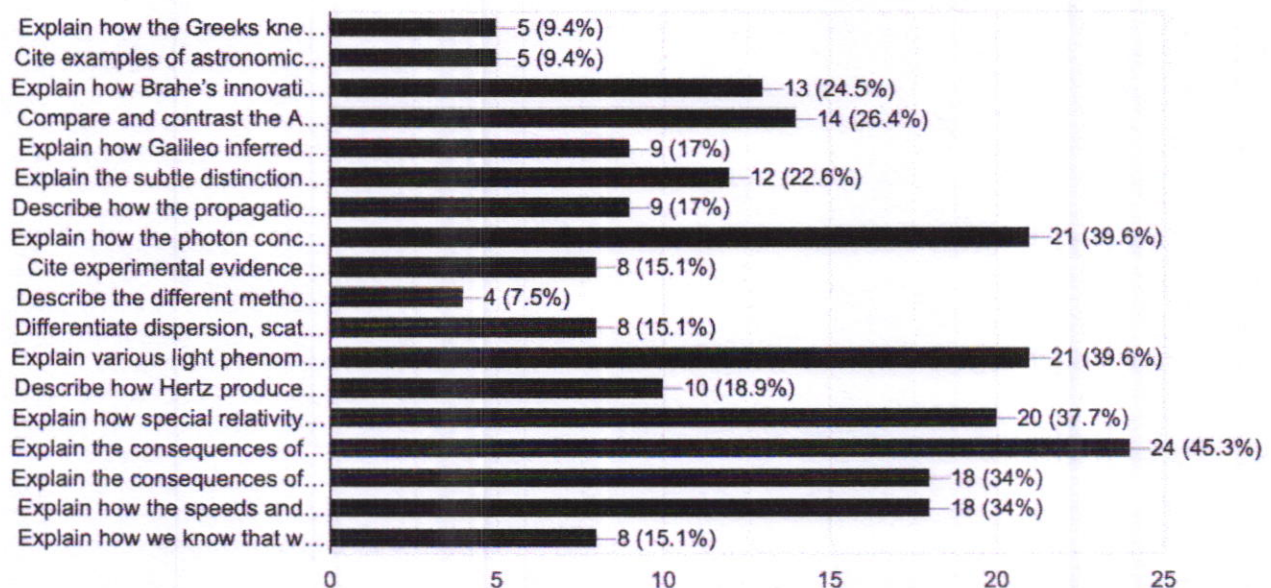
11 responses



SHS-Physical Science

What is/are the least-learned MELC(s) in SHS-Physical Science for the Second Half (2nd or 4th Quarter)?

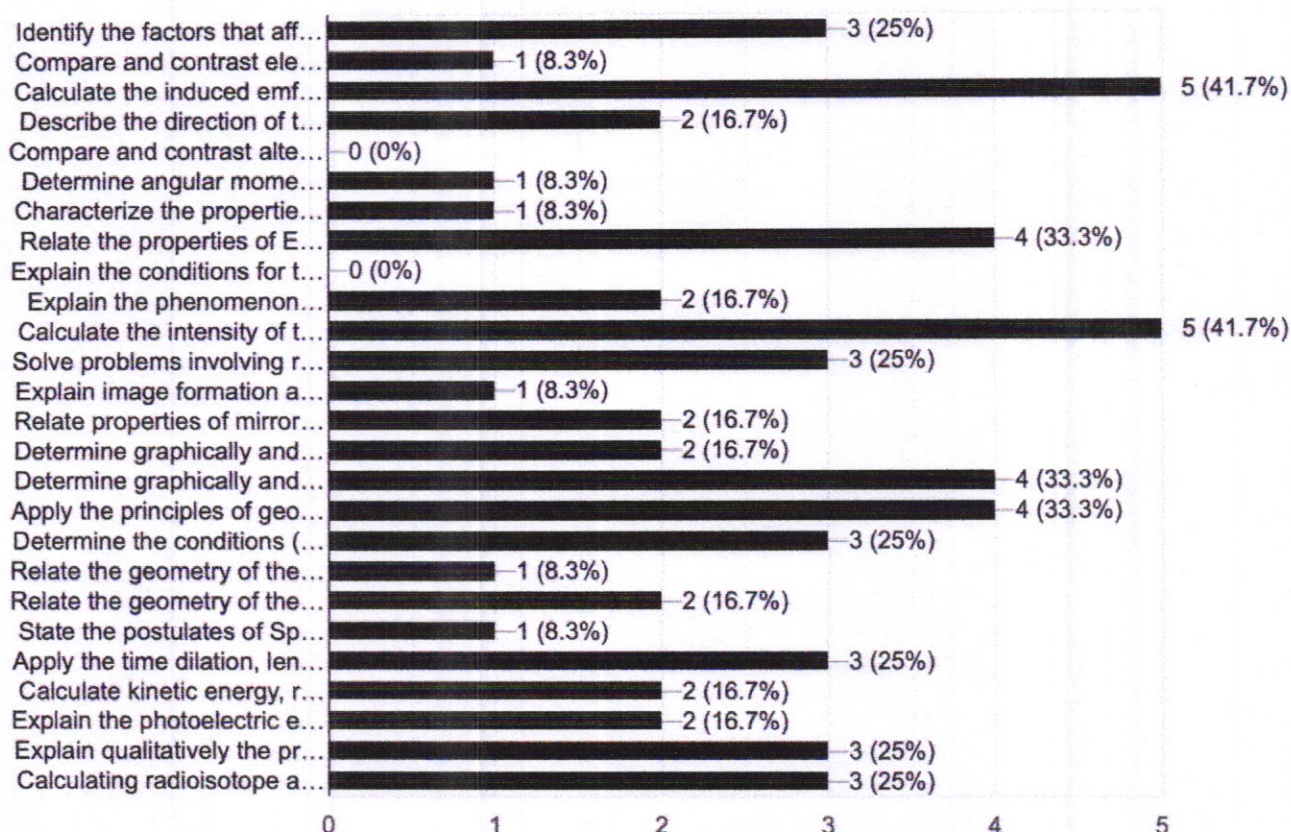
53 responses



SHS-General Physics 2

What is/are the least-learned MELC(s) in SHS-Gen. Physics 2 for the Second Half (2nd or 4th Quarter)?

12 responses



Note: Least-learned MELCs for Earth Science, Gen. Biology 1, Gen. Biology 2, Gen. Chemistry 1, Gen. Chemistry 2, and Gen. Physics 1 are not included due to a few number of respondents (less than 10).

II. Proficiency Levels

Science Subjects and General MPS	Proficiency Level				
	Did not meet expectations 70-74%	Fairly Satisfactory 75-79%	Satisfactory 80-84%	Very Satisfactory 85-89%	Outstanding 90-100%
Science 3 (81.4%)	325	1623	4113	3923	2816
Science 4 (79.7%)	484	1546	3915	3469	2778
Science 5 (78.6%)	477	1606	3441	2997	2040
Science 6 (79.4%)	625	2070	4278	4552	2631
Total (Elem)	1911	6845	15747	14941	10265
Science 7 (74.2%)	576	1973	5653	5268	2670
Science 8 (74.4%)	383	2327	5488	4762	2565
Science 9 (74.2%)	727	2402	4975	4214	2454

Science 10 (74.4%)	722	2466	6197	5828	3767
Total (JHS)	2408	9168	22313	20072	11456
SHS-DRRR (79.8%)	89	108	270	361	599
SHS-Earth and Life Science (72.5%)	93	168	338	411	185
SHS-Physical Science (68.7%)	212	802	1423	1052	608
SHS-Gen. Physics 2 (71.3%)	1	24	105	154	274
Total (SHS)	395	1102	2136	1978	1666

III. Remote Strategies Used for Instructional Support (ordinal)

1. Use of text messages
2. Use of phone calls
3. Use of video calls
4. Use of LMS
5. Use of social media
6. Home visitation
7. Group chat

IV. Common Challenges Encountered in Facilitating Learning (verbatim)

- Internet connection
- Lack of instructional materials
- Enhancing critical thinking
- Distribution and retrieval of SLMs
- There are MELCs which are not covered
- Learners copying the answer key
- Absence of science experiment
- Problems in reading comprehension
- Weather disturbances
- Poor lesson retention

V. Summative Tests Used

Science Subjects	Type of Summative Tests Administered in Science			
	Sukdanan (Region-made)	Unified (SDO-made)	School-initiated	Others
Science 3	104	96	181	20
Science 4	83	57	174	21
Science 5	82	62	166	20
Science 6	98	106	163	27
Science 7	104	17	54	7
Science 8	93	19	49	10
Science 9	83	20	54	8
Science 10	112	39	36	6

SHS-DRRR	13	4	7	0
SHS-Earth and Life Science	5	2	2	2
SHS-Physical Science	24	8	20	1
SHS-Gen. Physics 2	8	4	0	0
TOTAL	809	434	906	122

In the Academic Quarter 4 of SY 2021-2022, the school-based or school-initiated test is the most widely administered summative test, followed by the region-made test (Sukdanan), and SDO unified tests. 574 or 42.8% of the respondents said that their SDO-initiated and school-initiated tests adapted some of the high-quality test questions from the Sukdanan test bank.