



Republic of the Philippines
Department of Education
REGION III - CENTRAL LUZON
SCHOOLS DIVISION OF SCIENCE CITY OF MUÑOZ

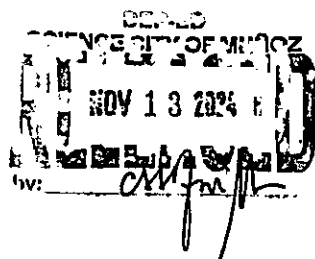
12 November 2024

SCHOOLS DIVISION MEMORANDUM
No. 386, s. 2024

**DISSEMINATION OF REGIONAL MEMORANDUM NO. 789
TITLED UTILIZATION OF REGION III PISA-ALIGNED
TEST QUESTIONS THROUGH THE DEPED
LEARNING MANAGEMENT SYSTEM (LMS)**

To: Assistant Schools Division Superintendent
Chief Education Supervisors
Division Information and Technology Officer
Division ICT Coordinator
Public Secondary Schoolheads
All Others Concerned

1. For information, guidance, and strict compliance of all concerned, enclosed is the Regional Memorandum No. 789 s. 2024 re: Utilization of Region III PISA-Aligned Test Questions through the DepEd Learning Management System (LMS). This Regional Memorandum can be downloaded from the link <https://tinyurl.com/mu3hrzp2>.
2. For concerns or queries, please communicate with Dr. Leilani D. Tidalgo, Education Program Supervisor in Mathematics, through her cellphone no. 09636009845 or email address: leilani.tidalgo@deped.gov.ph.
3. Immediate and wide dissemination of this Memorandum is earnestly desired.



JOHANNA N. GERVACIO PhD, CESO V
Schools Division Superintendent

Encl: as stated
Reference: None

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

DEPED LEARNING MANAGEMENT SYSTEM
PISA-ALIGNED TEST QUESTIONS

CID/LDT-Dissemination of RM-789
27/November 05, 2024

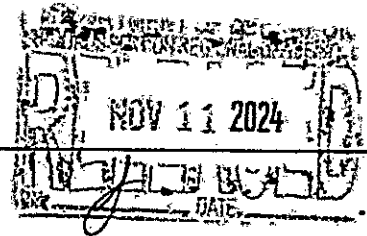


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REGIONAL MEMORANDUM

No. 789, s. 2024

**UTILIZATION OF REGION III PISA-ALIGNED TEST QUESTIONS THROUGH THE
DEPED LEARNING MANAGEMENT SYSTEM (LMS)**

To: Schools Division Superintendent
Assistant Schools Division Superintendents
Curriculum Implementation Division Chiefs
Curriculum Implementation Division Supervisors
Division Information and Technology Officers
School Heads of Public Secondary Schools
School ICT Coordinators
All Others Concerned

1. Pursuant to Regional Memorandum No. 444, s. 2024, re: Online Writeshop on the Development, Validation, and Finalization of Programme for International Student Assessment (PISA) - Aligned Test Questions cum Conversion for Learning Management System, and in adherence to DepEd Order No. 29, s. 2017, "Policy on System Assessment in the K-12 Basic Education Program," this Office, through the Curriculum and Learning Management Division (CLMD), shall implement the Utilization of the Region III PISA-Aligned Assessment Program through the DepEd Learning Management System (DepEd-LMS).
2. Specifically, the activity aims to:
 - a. familiarize students with PISA-type questions and computer-based assessment format through structured practice;
 - b. provide learners with opportunities to develop and demonstrate competencies in Science, Mathematics, Reading, and Digital Literacy using authentic scenarios;
 - c. help schools identify areas for instructional improvement based on student performance data analysis; and
 - d. prepare students for successful participation in PISA 2025 and other international assessments.
3. The assessments and test items shall be administered through the DepEd Learning Management System (LMS) via:
 - a. Primary Site: <https://r3-1.lms.deped.gov.ph/>
 - b. Secondary Site: <https://r3-2.lms.deped.gov.ph/>
4. The following courses are available for student access under the "Region III-PISA-Aligned Test Questions" category where each course provides activities and



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practice assessments designed to build domain-specific competencies and familiarization with PISA-Aligned Questions:

- a. R3-PISA-LDW: Learning in the Digital World
- b. R3-PISA-SCI: Scientific Literacy
- c. R3-PISA-READ: Reading Literacy
- d. R3-PISA-MATH: Mathematics Literacy

5. Schools with identified 15-year-old students from grades 7 to 10 shall take the 5 to 10 questions per component per day through the DepEd LMS from **November 11, 2024 to December 13, 2024** to familiarize students with PISA-type questions and computer-based assessment format through structured practice.

6. School heads through the assistance of the School Testing Coordinators may strategize the scheduling of the learners based on their availability.

7. Division Testing Coordinators, School Testing Coordinators, PISA Technical Working Groups (TWGs) in the Division and District Levels are advised to monitor the utilization of the Region III PISA-Aligned Assessment Program through the DepEd-LMS and shall provide technical assistance, if needed.

8. The following documents are attached for reference and guidance:
Enclosure No. 1: Comprehensive Implementation Guidelines and User Guide
Enclosure No. 2: Proposed Assessment Administration Schedule
Enclosure No. 3: Technical Requirements and Troubleshooting Guide
Enclosure No. 4: Monitoring and Evaluation Tools

9. For inquiries or concerns, please contact the CLMD, through **Mr. Joseph D. Reyes**, Education Program Supervisor, through clmd.ro3@deped.gov.ph.

10. Wide dissemination of and compliance with this Memorandum is highly desired.


RONNIE S. MALLARI, PhD, CESO V
OIC - Regional Director

Encl.: None

Reference: Regional Memorandum No. 444, s. 2024 and DepEd Order No. 29, s. 2017

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

DEPED LEARNING MANAGEMENT SYSTEM

PISA-ALIGNED TEST QUESTIONS

CLMD3/clmd4
November 06, 2024

To send feedback
regarding any of
our services,
kindly scan the
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Enclosure No.1 to the Regional Memorandum No. ____, s. 2024

Implementation Guidelines

I. Program Context and Integration Framework

A. Background

The Region III PISA-Aligned Assessment Program is a strategic initiative developed by DepEd Region III to enhance Filipino students' preparedness for the 2025 Program for International Student Assessment (PISA). This program systematically integrates PISA-type questions and assessment methodologies into classroom instruction, enabling students to build essential skills in Science, Mathematics, Reading, and Digital Literacy.

The goal of PISA is to evaluate education systems worldwide by testing the skills and knowledge of 15-year-old students, who are approaching the end of their compulsory education. PISA tests how students can apply their knowledge to real life situations and problems, rather than testing knowledge recall. Every three years, participating countries assess their 15-year-olds in three cognitive domains: Reading, Mathematics, and Science; and in PISA 2025, **Science** is the major domain, and **Learning in the Digital World** is an innovative domain, which will be administered through a Computer-Based Assessment (CBA) scheme.

Through this program, students engage in real-world problem-solving and critical thinking activities that mirror PISA's standards, encouraging a cross-curricular approach to skill development. The program's framework includes using the DepEd Learning Management System (LMS) to support consistency in assessment practices across subjects, ensuring that learners gain comprehensive exposure to globally relevant competencies. Through embedding these practices within the regular program, the DepEd Region III aims to foster lifelong learning skills essential for student success in a global context.

B. Integration

The PISA-Aligned Assessment Program integrates key activities into regular classes to build critical thinking and problem-solving skills. Below are the guidelines for implementation.

1. Curriculum Integration

- o Teachers shall embed PISA-aligned activities within their regular class program by taking or administering 1 quiz activity/practice assessment per component.



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- The minimum of two (2) periods per week shall be dedicated to PISA-type questions and activities.
- Integration should focus on real-world applications and problem-solving scenarios that are aligned with PISA Content Knowledge as given in the DepEd LMS and other materials.
- Subject departments should collaborate to ensure cross-curricular implementation.

2. Learning Session Components

- PISA-aligned question practice (10-20 minutes)
- Reflection and discussion of the Quiz (15-20 minutes)
- Retake of PISA-aligned Question (10-20 minutes)

3. Required Practice Hours

- Students must complete a minimum of 4 hours' weekly practice across all domains
- Distribution of practice hours:
 - Science: 2 hours (major domain)
 - Mathematics: 1 hour
 - Reading: 1 hour
 - Learning in Digital World: 1 hour (integrated across subjects)

C. Roles and Responsibilities

The effective implementation of the PISA-Aligned Assessment Program relies on the collaborative efforts of school leadership, teachers, and students, each of whom plays a distinct role in promoting a consistent and supportive learning environment. Below are the roles and responsibilities.

A. School Leadership

1. School Heads

- Ensure integration of PISA practice in master schedule
- Monitor teacher compliance and student participation



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- Provide necessary resources and support

2. Department Heads

- Coordinate cross-subject integration
- Monitor subject-specific implementation
- Conduct regular progress meetings
- Provide pedagogical support

B. Teachers

1. Subject Teachers

- Integrate PISA-type questions in lessons
- Guide students in using the LMS
- Monitor student progress
- Provide remediation as needed

2. ICT Coordinators

- Maintain technical requirements
- Provide user support
- Coordinate with the ICT division team for technical concerns

C. Students

1. Required Activities

- Complete all assigned modules and activities
- Participate in practice sessions and discussion
- Attend feedback sessions



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Enclosure No. 2, s. 2024 to the Regional Memorandum No. ____, s. 2024

**User Guide for Accessing PISA-Aligned Test Questions
through DepEd LMS Courses**

I. System Access Requirements

A. Technical Prerequisites

- Updated web browser (Google Chrome 90+, Mozilla Firefox 88+, or Microsoft Edge 90+) through Desktop, Laptop or Mobile Devices
- Stable internet connection (minimum 5Mbps)

B. Required Credentials

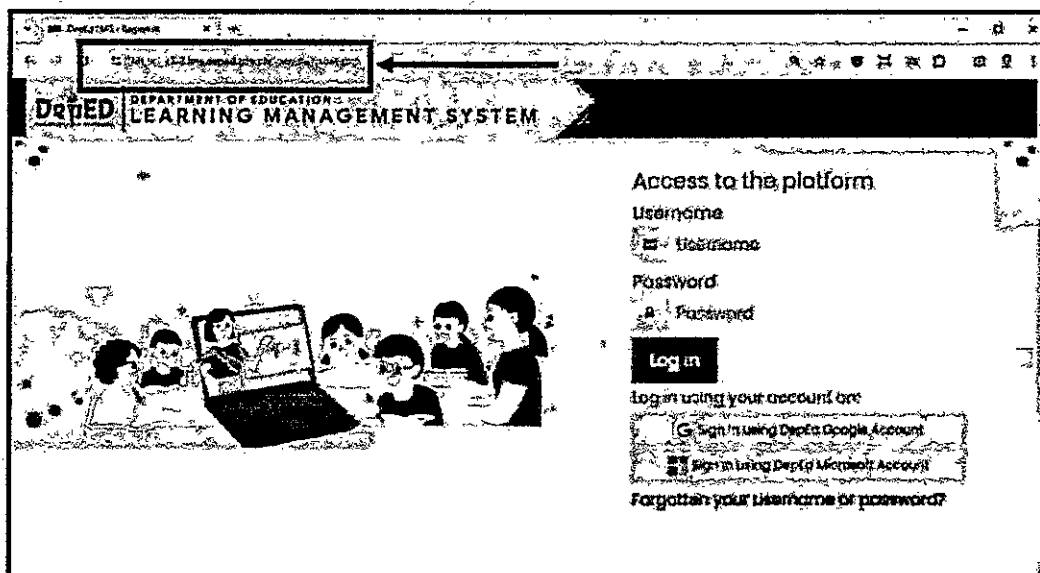
- DepEd Microsoft Account or DepEd Google Account
- School-issued enrollment keys for PISA courses (as given)

II. Step-by-Step Access Guide

A. Accessing the Learning Management System

1. Access the DepEd LMS Portal

- o Primary Site: Visit <https://r3-1.lms.deped.gov.ph> or <https://r3-2.lms.deped.gov.ph> as assigned in the respective division.

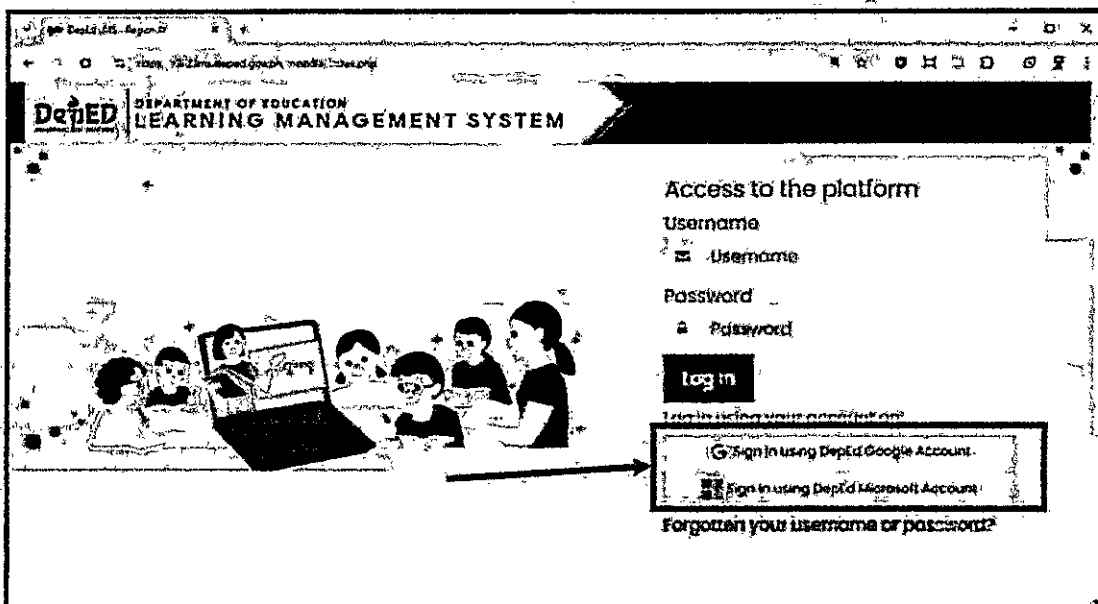




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2. Sign In to Your Account

- Click "Sign In Using DepEd Microsoft Account"
- Enter your DepEd email address (example: lrm@r3-2.deped.gov.ph)
- Click "Next" to proceed
- Enter your password



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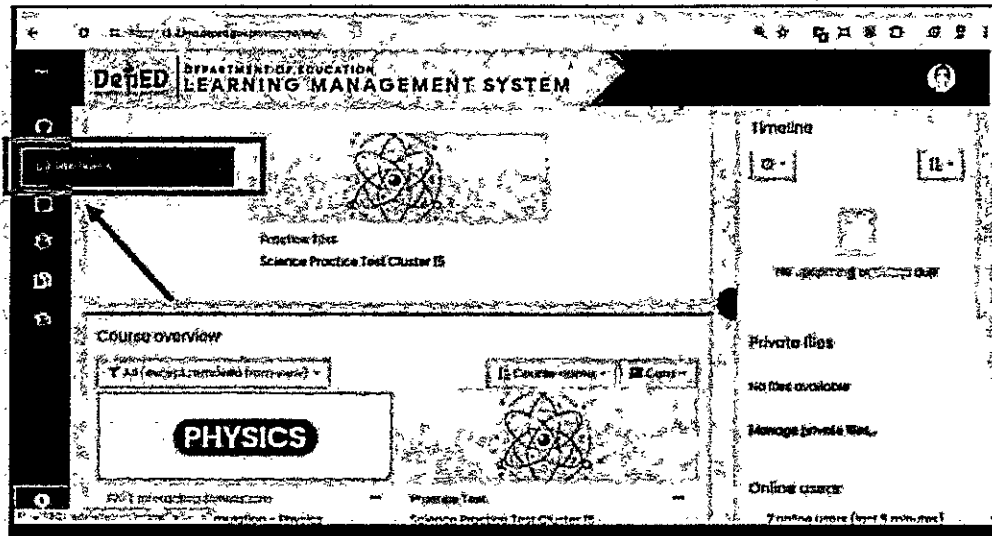




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3. Navigate to PISA Courses

- o On the left side of the screen -> Click "Site-Home" on the dashboard



- o Look for "REGION III - PISA ALIGNED TEST QUESTIONS" category and select/click it.

Region III-PISA Aligned Test Questions

- o Select "Access" to view available courses

B. Course Enrollment Process




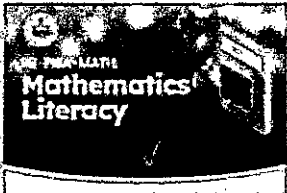
4. Select Your PISA Component

- o Enroll to all available courses:
 - R3-PISA-LDW: Learning in the Digital World
 - R3-PISA-SCI: Scientific Literacy
 - R3-PISA-READ: Reading Literacy
 - R3-PISA-MATH: Mathematics Literacy
- o Click "Access" on each course to enroll and enter the provided keys below.



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Region III-PISA Aligned Test Questions

 Learning in the Digital World	 Scientific Literacy	 Reading Literacy	 Mathematics Literacy
R3-PISA-LDW: Learning in the Digital World Learning in the Digital World component of PISA-aligned test items by DepEd Region III. This course evaluates digital literacy skills in alignment with the PISA framework.	R3-PISA-SCI: Scientific Literacy Scientific Literacy component of PISA-aligned test items by DepEd Region III. This course includes assessments targeting science knowledge and reasoning.	R3-PISA-READ: Reading Literacy Reading Literacy component of PISA-aligned test items by DepEd Region III. This course assesses reading literacy, comprehension and critical analysis skills.	R3-PISA-MATH: Mathematics Literacy Mathematics Literacy component of PISA-aligned test items by DepEd Region III. This course evaluates mathematical reasoning and problem-solving abilities.

→ [R3-PISA-LDW] → [R3-PISA-SCI] → [R3-PISA-READ] → [R3-PISA-MATH]

5. Complete Course Registration

- Enter the provided enrollment key for the courses for the students:
 - R3-PISA-LDW: **PISA_LDW_Student**
 - R3-PISA-SCI: **PISA_SCI_Student**
 - R3-PISA-READ: **PISA_READ_Student**
 - R3-PISA-MATH: **PISA_MATH_Student**
- Click "Enroll me" to proceed



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Eg. (Reading Literacy Enrollment for Students)

In similar note, to provide access to teachers and educators regarding student performance. Teachers and educators may enroll themselves through the same manner using the following enrollment keys:

- o Enter the provided enrollment key for the courses for the **teachers/educators**:
 - R3-PISA-LDW: **PISA_LDW_EducatorR3**
 - R3-PISA-SCI: **PISA_SCI_EducatorR3**
 - R3-PISA-READ: **PISA_READ_EducatorR3**
 - R3-PISA-MATH: **PISA_MATH_EducatorR3**

C. Navigating Course Content



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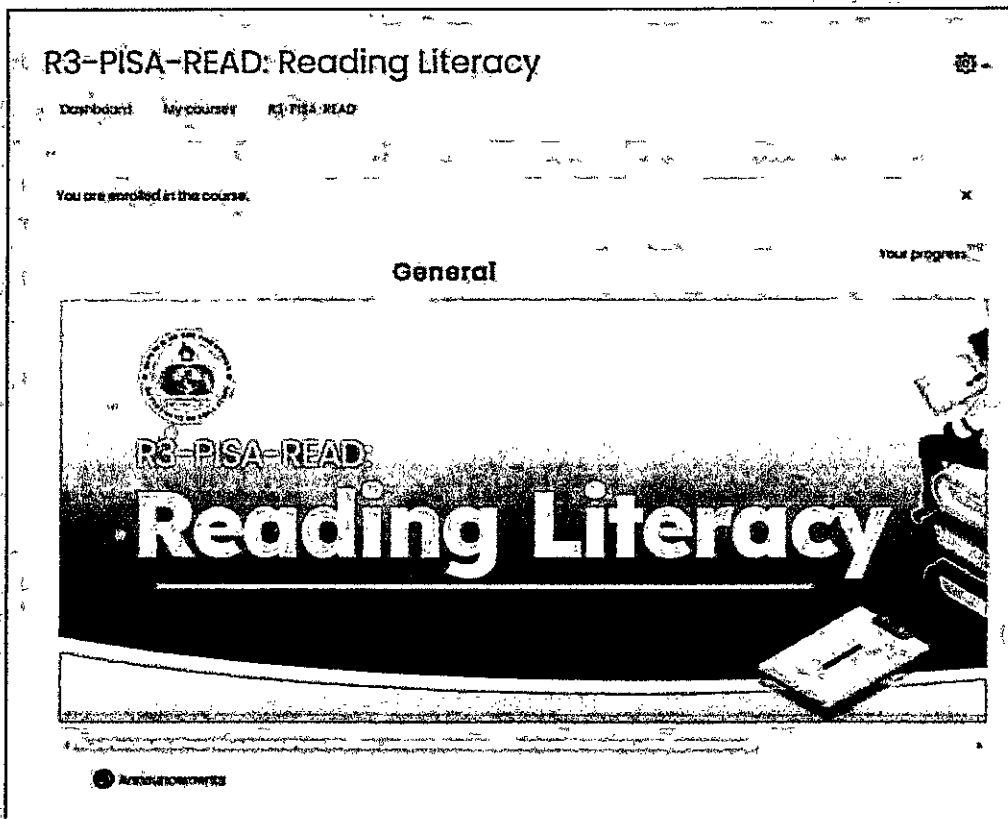




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6. Navigating through the Module

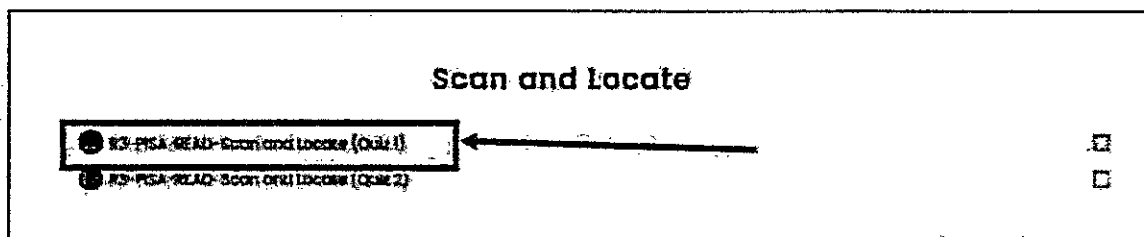
- Read through all instructions carefully



7. Accessing Assessment Materials

- Navigate through course sections sequentially
- Click on each activity or assessment to begin

(Eg. Reading Literacy – Practice Questions)





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D. Taking Assessments

8. Starting an Assessment

- o Click "Attempt quiz now" or "Start attempt" when ready or as you may instruct the students

R3-PISA-READ-Scan and locate (Quiz 1)

Attempts allowed: 3
Grading method: Highest grade

Attempt quiz now

Previous activity: [R3-PISA-READ-Scan and locate \(Quiz 1\)](#) | Next activity: [R3-PISA-READ-Scan and locate \(Quiz 2\)](#)

9. During the Assessment

- o Use the navigation panel to move between questions
- o Click "Flag question" for items you want to review later
- o Save answers regularly using "Save answer" button



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Did you know that water currents in the northern Pacific Ocean capture a huge amount of garbage? Plastic and other types of man-made waste float on the surface and circulate below the water. It is difficult to measure how much trash is in the ocean because a lot of the trash is broken down into tiny pieces. As a result, this polluted region is more like "trash- soup" than a solid "island of trash" that is easy to see. Some reports estimate that this area, known as the Pacific Garbage Patch, covers 700,000 square kilometers (270,000 square miles), while others say the area is as big as 15,000,000 square kilometers (5,800,000 square miles).

Source: English Teaching Forum 2018

Questions: How big is the largest estimate for the size of the Pacific Garbage Patch?

1. 700,000 square kilometers
2. 15,000,000 square kilometers
3. 15,000 square miles
4. 700,000 square miles

Navigation Panel: Quiz navigation (1, 2, 3, 4, 5), Finish attempt

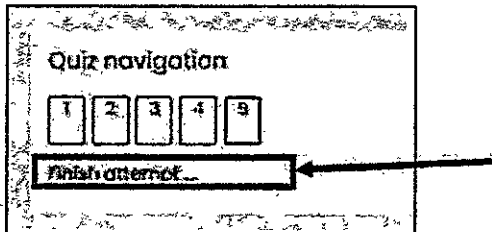
Flag Question: Did you know that water currents in the northern Pacific Ocean capture a huge amount of garbage?

10. Completing the Assessment

- Review all questions using the quiz navigation block
- Ensure all questions are answered
- Click "Finish attempt" when complete
- Review the summary page
- Click "Submit all and finish" to complete



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R3-PISA-READ-Scan and Locate (Quiz 1)
Summary of attempt

Question	Status
1	Answer saved
2	Answer saved
3	Answer saved
4	Answer saved
5	Answer saved

(An arrow points to the 'Submit all and finish' button.)

E. Repeat Process for Each Component

- Students may proceed to attempt other activities and quizzes also with other PISA components.
- Each component can be repeated multiple times for practice and improvement.
- No limit on number of attempts per quiz or component since the aim is to immerse and familiarize learners.

Teachers can monitor student progress through their teacher accounts in the LMS, which provides access to student reports on each component as long as they enroll themselves as teacher in course. While the LMS serves as the primary monitoring tool, teachers may also implement alternative recording methods such as spreadsheets, or templates to track student scores.



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