

A photograph of a male teacher with dark skin and short hair, wearing a light pink button-down shirt, leaning over a desk. He is looking at a tablet held by a young girl with long dark hair. To her left, a young boy is looking at a laptop. To her right, another young boy is looking at a tablet. The background shows a classroom setting with a window and a bulletin board with colorful papers.

CLASSROOM DIAGNOSTIC TOOLS

The CDT is a set of online assessments designed to measure specific student strengths, weaknesses, skills, and knowledge throughout the school year to help guide instruction.

The CDT goes beyond focusing only on **WHAT** students should know and be able to do at a particular grade and/or course. The CDT also provides:

HOW and WHY students may be struggling with or extending beyond grade and/or course expectations.

Because the CDT is specifically designed for Pennsylvania expectations for learning, the information provided by the CDT is not typically identified through other types of assessments.

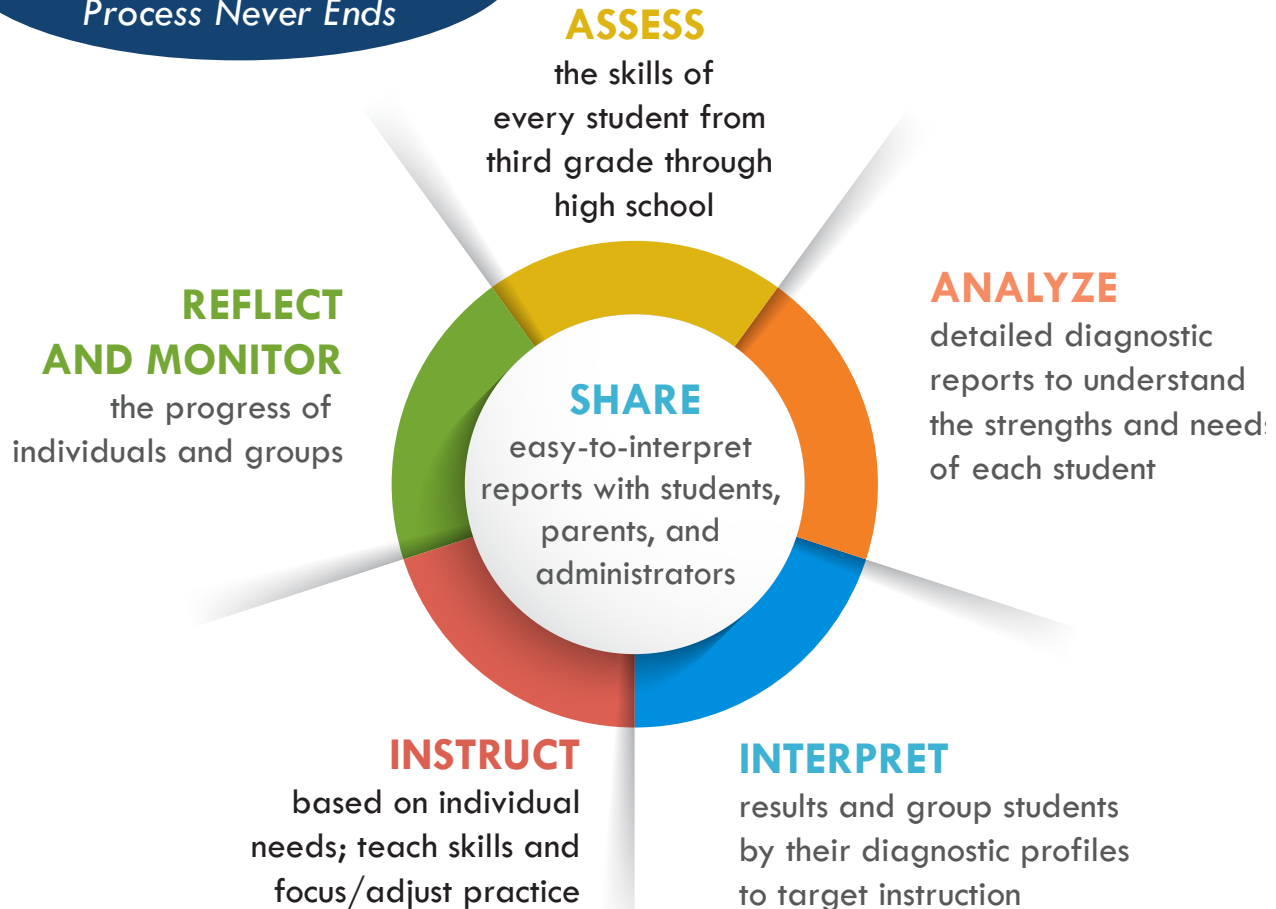


Pennsylvania
Department of Education



THE CDT CYCLE

*The Teaching and Learning
Process Never Ends*



*The CDT offers various assessments in the core content
areas for students in grades 3 through high school.*

VALID AND RELIABLE – based on the PSSA and Keystone Assessment Anchors & Eligible Content.

NUMEROUS PROVEN ACCOMMODATIONS – including flexibility in testing environment, length of test sessions, color contrast, read aloud, and translation dictionaries, enable all students to access and benefit from this diagnostic tool.

WIDESPREAD USAGE ACROSS PENNSYLVANIA – more than 16.9 million CDT assessments have been administered since 2010.

EDUCATOR DRIVEN – Pennsylvania educators have played an integral role in the development and enhancement of the CDT since its initial inception in 2009.

STUDENT OWNERSHIP AND ENGAGEMENT – provides timely, in-depth, and easy-to-use diagnostic information to facilitate one-on-one interactions between a teacher and a student for individual goal setting and engagement.

MULTIPLE PLATFORMS – the CDT can be taken on a wide variety of devices including desktops, laptops, iPads, Chromebooks, and more.



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DIAGNOSTIC CATEGORY TESTING

MORE FLEXIBILITY FOR TEACHERS

Mix and match full CDT and Diagnostic Category Tests to design assessments aligned to student needs and your immediate instructional goals.

SHORTER TESTING, PRECISE FEEDBACK

Each Diagnostic Category Test takes about 20–30 minutes and provides more precise results on targeted content areas. This shorter format means less testing time and quicker access to actionable information.

REPORTS THAT WORK FOR YOU

The updated reporting platform guides your next steps for students. Dynamic, easy-to-read reports help you pinpoint instruction to match identified strengths and areas for growth.

QUICK, FOCUSED INSIGHT, SAME POWERFUL REPORTS

The Diagnostic Category Tests results offer the same interactive, data-rich reports as the full CDT, in a more flexible, time-saving format. Use them to guide instruction, monitor progress, and support every learner.

The CDT Diagnostic Category tests generate the same level of dynamic and interactive reports as the full CDT. The interactive reporting platform provides more intuitive reports and data for the full CDT and Diagnostic Category tests.



READING | Grades 3-8, HS

• Reading Informational • Reading Literature

WRITING | Grades 3-8, HS

• Conventions: Grammar and Sentence Formation • Conventions: Punctuation-Capitalization-Spelling • Quality of Writing: Content and Style • Quality of Writing: Editing • Quality of Writing: Focus and Organization

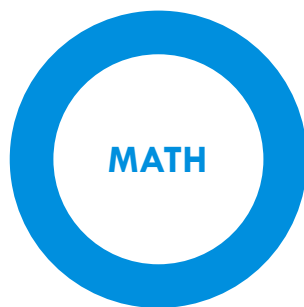


SCIENCE | Grades 3-8

• Life Science • Physical Science • Earth and Space Science • Environmental Literacy & Sustainability • Technology & Engineering

BIOLOGY

• Structure and Function • Matter and Energy in Organisms and Ecosystems • Interdependent Relationships in Ecosystems • Inheritance and Variation of Traits • Natural Selection and Evolution



MATH | Grades 3-8

• Algebraic Concepts • Geometry • Measurement-Data-Probability • Numbers and Operations

ALGEBRA I | GEOMETRY | ALGEBRA II

• Data Analysis • Functions and Coordinate Geometry • Linear Equations and Inequalities • Operations with Real Numbers and Expressions

ADVANTAGES TO USING THE CDT

- Available throughout the year
- Real-time score information for students
- Immediate, detailed, actionable data for teachers
- Granular, diagnostic information at the eligible content level
- Provides results and data linked to specific Pennsylvania content
- Follows structure of Pennsylvania teacher driven learning progressions
- Provides professional development resources to support instruction and data
- Used as a screener and communication tool between teachers, parents/guardians, and students
- FREE to all Pennsylvania LEAs



CDT DIAGNOSTIC CATEGORY TESTS

The CDT Diagnostic Category tests provide students with a shorter testing experience, while at the same time allowing teachers to isolate instruction and testing to a specific Diagnostic Category to gain valuable information targeted to a student's specific area of need. Schools have access to 49 CDT Diagnostic Category Tests across math, reading, science, and writing. Schools are encouraged to use the Diagnostic Category test in ways that are most beneficial to classroom instruction.

FLEXIBLE INSTRUCTION REPORT

Flexible Instruction Groups are temporary, ever-changing student groupings used to differentiate instruction based on current needs. The CDT Flexible Instruction Report automatically generates four student groups based on the individual student's CDT scaled scores. Each group includes a list of eligible content descriptors and links to sample items to support targeted, differentiated instruction.

GROWTH AND FOCUS REPORTING

The interactive reporting tool automatically generates reports aimed at comparing test sessions for students identifying a change in scale score and grouping students into focus groups. This information is intended to help teachers further modify instruction for those students not making progress or to further support those students excelling in the content area.

Contact a PA Customer Service Representative today to get started or help with technology-related questions.

1-800-451-7849

PAcustomerservice@datarecognition-corp.com

<https://pa.drctdirect.com>



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[PDE CDT website](https://pde.ctd.website)



Contact CDT/Firefly Core Team Leads for implementation and best practice supports

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