

CURRICULUM WRITING GUIDELINES

Model:

Curricula are to be written by teams which will be facilitated by department chairs. Department chairs and principals will assist in organizing and mentoring the teams. Department chairs are to email a finalized list of those writing each curriculum to the Director of Curriculum and copy the Director's secretary.

The department chair or designated elementary principal (for K-5 core subjects) will be the first reader/reviewer. Please refer to the annually updated Curriculum Revision List for writers and reviewers. The curriculum writing team will submit a preliminary draft of the first marking period, or at a minimum the first unit of the curriculum, by email to the first reviewer prior to going any further with the writing process. Upon review and approval, the first reviewer will return the draft to the team for completion. **Completed curriculum must be emailed to the first reviewer no later than May 1st.** Upon review and approval, **the first reviewer will forward the completed curriculum by June 1st to the designated second reviewer. The second reviewer will email the completed curriculum to the Director of Curriculum and copy it to the Director's secretary, no later than July 1st.** Reviewer signatures are required. The signed form along with authorization for payment should be scanned and emailed **to the Director of Curriculum and copied to the Director's secretary.**

Maximum Curriculum Writing Hours:

New Full Year Course - 40 hours per curriculum
New Half Year Course - 30 hours per curriculum
Revised Full Year Course - 20 hours per curriculum
Revised Half Year Course - 15 hours per curriculum

Requests for additional hours must be made in writing/email to the Director of Curriculum. Payment will not exceed the hours listed unless approval has been granted. It is understood that the hours for payment must be divided among the team members.

Payment Forms:

- Once all revisions and other requirements have been met, the Curriculum Authorization Form for Payment (see attachment), along with the completed curriculum, should be submitted/emailed to the building principal.

Additional Formatting Items:

- **Add page numbers using a footer.**
- All supplemental resources must be separate from the curriculum. They should be referenced in the "Materials and Resources" and/or "Core Activities" sections of the curriculum. Resources are to be emailed as separate documents along with each curriculum. These resources will be available on the district website under each corresponding curriculum.

All curricula **must be emailed using the designated template in Microsoft Word**, which is located on the district website. The template is titled “Planned Instruction.” This document is attached for your reference.

Please Note: Incidental changes such as typos and minor formatting changes may be made to your submitted curriculum; therefore, only utilize curricula that have been distributed from the district office, from your building principal and/or that is located on the district website.

Curriculum may be accessed by signing into the district website www.dvdsd.org, going to Academics and then Curriculum.

Resources and Information

PA Core Standards and PA Academic Standards:

<http://www.pdesas.org/Page?pageId=11>

The PA Core Standards for English/Language Arts and the PA Information Technology Standards are to be included in other disciplines, as/where appropriate.

To access the PA Information Technology Standards, go to:

http://static.pdesas.org/content/documents/BCIT_standards.pdf

Curriculum Framework:

The SAS “Curriculum Framework” page provides Big Ideas, Essential Questions, Concepts, and Competencies by Subject, Grade, and Standard Area. This information should be utilized when writing and revising curriculum, as appropriate.

<http://www.pdesas.org/CMap/CFramework>

Definitions:

- **Big Ideas**
 - Declarative statements that describe concepts that transcend grade levels. Big Ideas are essential to provide focus on specific content for all students.
- **Essential Questions**
 - Questions connected to the SAS framework and are specifically linked to the Big Ideas. They should frame student inquiry, promote critical thinking, and assist in learning transfer.

The definitions above are taken from the SAS website Curriculum Framework page at:

<https://www.pdesas.org/CMap/CFramework>

The Voluntary Model Curriculum (VMC) available at SAS is a series of unit and lesson plans that incorporate learning progressions and content resources aligned to the Pennsylvania standards within the Curriculum Frameworks. The VMC is available in English Language Arts, Mathematics, and Science.

<http://www.pdesas.org/ContentWeb/Content/VoluntaryModelCurriculum>

Assessment Definitions

Diagnostic:

Diagnostic Assessment occurs at the beginning of the teaching/learning cycle. This type of assessment will provide the teacher with an understanding of the prior knowledge and skills a student brings to a unit, as well as the strengths and specific learning needs of an individual or groups of students in relation to the expectations that will be taught. The first benchmark of the school year in any content area should be considered a Diagnostic Assessment.

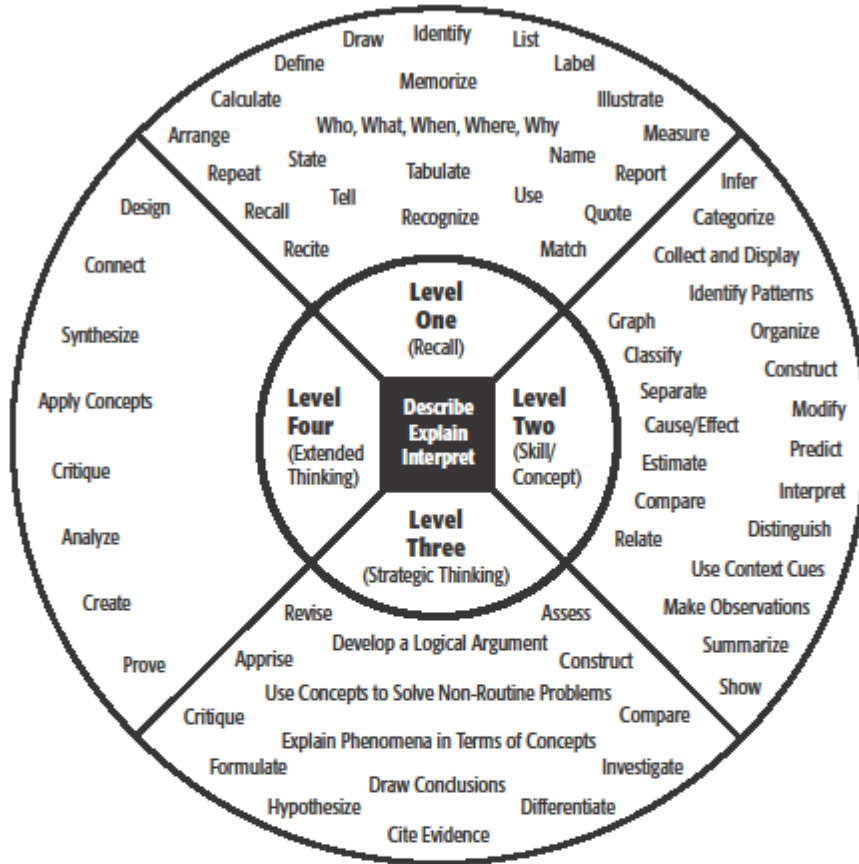
Formative:

Formative Assessment is part of the instructional process. When incorporated into classroom practice, it provides the information needed to adjust teaching and learning while they are happening. In this sense, formative assessment informs both teachers and students about student understanding at a point when timely adjustments can be made. These adjustments help to ensure students achieve targeted standards-based learning goals within a set time frame. The second and all subsequent benchmarks during the school year in any content area should be considered Formative Assessments.

Summative:

Summative Assessments are given periodically to determine at a particular point in time what students know and do not know. Summative assessment at the classroom level is an accountability measure that is generally used as part of the grading process. Summative assessments are typically given at the end of a unit or a chapter. Summative assessments can be given to test student knowledge of specific standards.

Depth of Knowledge (DOK) Levels



Level One Activities	Level Two Activities	Level Three Activities	Level Four Activities
<p>Recall elements and details of story structure, such as sequence of events, character, plot and setting.</p> <p>Conduct basic mathematical calculations.</p> <p>Label locations on a map.</p> <p>Represent in words or diagrams a scientific concept or relationship.</p> <p>Perform routine procedures like measuring length or using punctuation marks correctly.</p> <p>Describe the features of a place or people.</p>	<p>Identify and summarize the major events in a narrative.</p> <p>Use context cues to identify the meaning of unfamiliar words.</p> <p>Solve routine multiple-step problems.</p> <p>Describe the cause/effect of a particular event.</p> <p>Identify patterns in events or behavior.</p> <p>Formulate a routine problem given data and conditions.</p> <p>Organize, represent and interpret data.</p>	<p>Support ideas with details and examples.</p> <p>Use voice appropriate to the purpose and audience.</p> <p>Identify research questions and design investigations for a scientific problem.</p> <p>Develop a scientific model for a complex situation.</p> <p>Determine the author's purpose and describe how it affects the interpretation of a reading selection.</p> <p>Apply a concept in other contexts.</p>	<p>Conduct a project that requires specifying a problem, designing and conducting an experiment, analyzing its data, and reporting results/ solutions.</p> <p>Apply mathematical model to illuminate a problem or situation.</p> <p>Analyze and synthesize information from multiple sources.</p> <p>Describe and illustrate how common themes are found across texts from different cultures.</p> <p>Design a mathematical model to inform and solve a practical or abstract situation.</p>

Webb, Numan L. and others. "Web Alignment Tool" 24 July 2005. Wisconsin Center of Educational Research, University of Wisconsin-Madison. 2 Feb. 2006. <<http://www.wcer.wisc.edu/WAT/index.aspx>>

WEBB's Depth of Knowledge Definition (DOK) Levels 1-4

Level 1: Recall and Reproduction

Tasks at this level require recall of facts or rote application of simple procedures. The task does not require any cognitive effort beyond remembering the right response or formula. Copying, computing, defining, and recognizing are typical Level 1 tasks.

Level 2: Skills and Concepts

At this level, a student must make some decisions about his or her approach. Tasks with more than one mental step such as comparing, organizing, summarizing, predicting, and estimating are usually Level 2.

Level 3: Strategic Thinking

At this level of complexity, students must use planning and evidence, and thinking is more abstract. A task with multiple valid responses where students must justify their choices would be Level 3. Examples include solving non-routine problems, designing an experiment, or analyzing characteristics of a genre.

Level 4: Extended Thinking

Level 4 tasks require the most complex cognitive effort. Students synthesize information from multiple sources, often over an extended period of time, or transfer knowledge from one domain to solve problems in another. Designing a survey and interpreting the results, analyzing multiple texts by to extract themes, or writing an original myth in an ancient style would all be examples of Level 4.

<https://www.edutopia.org/blog/webbs-depth-knowledge-increase-rigor-gerald-aungst>

PLANNED INSTRUCTION

A PLANNED COURSE FOR:

Curriculum writing committee:

Grade Level:

Date of Board Approval: _____

Example of course weighting to be listed on each curriculum and uniform throughout the district.

Example only: Course Weighting: Algebra 1

Chapter Tests	40%
Mid-Chapter Check Point	30%
Homework/Classwork	10%
Quizzes	20%
Total	100%

Curriculum Map

Overview:

Goals:

Big Ideas:

Textbook and Supplemental Resources:

Curriculum Plan

Time/Days

BY unit list

- **Standards (by number):**
- **Anchors:**
- **Eligible Content:**

Objectives: (Include DOK Levels, see Attached DOK Wheel and refer to the definition of the DOK levels)

Core Activities and Corresponding Instructional Methods: (be specific, list activities related to materials/resources, include hot links, article titles etc.)

Assessments:

- **Diagnostic:**
- **Formative:**
- **Summative:**
(for example: Unit 4 Grammar, Common assessment)

Checklist to Complete and Submit:

(Scan and email)

- _____ Copy of the curriculum using the template entitled "Planned Instruction," available on the district website.
- _____ The primary textbook form(s).
- _____ The appropriate payment form, in compliance with the maximum curriculum writing hours noted on the first page of this document.

Each principal and/or department chair has a schedule of First and Second Readers/Reviewers. Each Reader/Reviewer must sign & date below.

First Reader/Reviewer Printed Name _____

First Reader/Reviewer Signature _____ Date _____

Second Reader/Reviewer Printed Name _____

Second Reader/Reviewer Signature _____ Date _____

Please Go to Human Resources page on the Delaware Valley School District website for updated Payment form to be submitted.

<https://pa01001022.schoolwires.net/site/handlers/filedownload.ashx?moduleinstanceid=7055&dataid=16708&FileName=AUTHORIZATION%20FOR%20PAYMENT%20-%20SECURED.pdf>