



Generation Y Program and Curriculum Materials

Generation Y curriculum materials have been field-tested by 6 years of classroom use. Feedback from classes, teachers, and evaluators has resulted in a second edition, published in 2001 by the International Society of Technology in Education (ISTE).

Printed program and curriculum guide

The printed curriculum guide is used by the teacher in preparation for and throughout the Gen Y class. This 238 page, sturdy ring-bound book is excellent for daily use and lays flat for copying.

Infopages (CD-ROM and online)

103 printable guides for the teachers and students to use throughout the course. These consist of class handouts, surveys, planner pages, quizzes, and student resources. All info pages are on the Gen Y CD-ROM and also available online. The online materials are only accessible to teachers and students enrolled in a licensed Gen Y class.

Best Practices/First Hand Experiences (Video)

The included video is excellent for both teachers and students to fully experience the enthusiasm of Gen Y participants. Also useful to show to parents, administrators and potential partner-teachers, the video serves as a testimonial of student and teacher experiences with Gen Y.

Generation Y Program and Curriculum Guide – Section I

The first section of the printed Generation Y curriculum guide consists of 5 chapters. These chapters address program issues, best practices, and contain guidelines for organizing the class to best suit the school environment.

These chapters are meant to help prepare the teacher for the Gen Y class, to help planning teams modify the program to suit their needs and to summarize experiences from previous classes. Combined with the online support, training and coaching that comes with the full Gen Y license, these chapters will help you plan, prepare, and deliver a successful Gen Y class from beginning to end.

Chapter 1- The Gen Y Way	Program description Benefits of Gen Y The Gen Y triad - teacher, student, and partner-teacher Gen Y projects Professional development with Gen Y
Chapter 2 - Understanding the Program	What does the name "Gen Y" mean? The history of Gen Y What happens in a Gen Y course? How is Gen Y different than other technology courses? School and district decisions to offer a Gen Y class
Chapter 3 - Teaching the Curriculum	The effective learning environment for a Gen Y class Physical arrangements Role of the Gen Y teacher Balancing directed activities with group-work Working with district and school technology policies

	Role of the partner-teachers Facilitating collaboration between students and their partner-teacher
Chapter 4 - Using the Curriculum	What's in the Curriculum Kit? How to use the Curriculum Guide Curriculum Guide organization Unit contents Unit ordering and modifications Length of units and activities Pacing the class Organizing out-of-class time Assessment and evaluation Standards alignment Adapting the curriculum for various grades Support for the Gen Y teacher
Chapter 5 - Looking Ahead	Strategies for continuing and publicizing your Gen Y program What happens to Gen Y graduates?

Generation Y Program and Curriculum Guide – Section II

The second section of the Gen Y Curriculum Guide consists of 10 units that cover the technology and pedagogy skills of the Gen Y course. Click on the links below to see what each unit contains.

Unit 1	The Gen Y Way Classroom Culture and Expectations Class Technology Overview
Unit 2	Netiquette Electronic Mail Listservs
Unit 3	The Collaboration Process Interpersonal Skills Project Planning Building the Partnership Writing Lesson Plans Planning Meetings Online Project Organizing and Reporting Tool (PORT)
Unit 4	Learning About Forums Learning About Chats Planning and Facilitating a Communications Project
Unit 5	Analog and Digital Equipment Digital Graphics Digital Audio Digital Video
Unit 6	Search Tools and Strategies Evaluation of Web Resources Understanding Copyright and Citation
Unit 7	Benefits and Types of Projects

	Exploring Online Projects Planning and Facilitating Online Projects
Unit 8	Understanding Web Pages and Design Creating Web Pages HTML Web-authoring software Critiquing Web Pages Advanced Web Page Skills Linking to external resources Databases Frames Java XML
Unit 9	Presentation Software and Design Preparing a Presentation Using and Critiquing Presentations
Unit 10	Project Final Report Post Surveys Celebrations

In Each Unit

Each extensive unit in the curriculum guide includes:

- Unit Overview
- The Gen Y View
- Terms to Know
- List of InfoPages
- Standards
- Activities with Prioritized Objectives
- Activities (each unit contains from three to five activities)
 - Materials
 - Before Beginning
 - Background Information
 - Procedures
 - Assessment
 - Related Issues
 - Activity Extensions
- Unit Extensions

Unit Overview and the Gen Y View

The Unit Overview provides a brief summarized rationale for including the unit of study in the curriculum. It very generally describes the content. Conversely, the Gen Y View specifically addresses the importance of this unit of study to the Gen Y student and the ways this knowledge will be used by the Gen Y students in their potential projects. The Gen Y View also includes a reference to helpful tips or projects that can be found on the Gen Y Web Site.

Terms to Know

The Terms to Know section introduces technology vocabulary unique to this unit of study. It also presents general vocabulary related to the unit's learning objectives.

Commonly, these terms will be explained during the instruction or group demonstration section of the lesson or during the students' work time.

List of Infopages

The List of InfoPages section encompasses the entire body of pages needed to teach the unit. InfoPages present information in a variety of ways for Gen Y teachers and students. They are crucial components of the lessons and activities described in the guide.

InfoPages present information to the students in simple, yet organized ways. They may provide more background on topics or procedures unfamiliar to the Gen Y teacher or students. In other cases, the teacher may wish to present the entire contents of the InfoPage to the students during the instructional presentation, or to make copies of the InfoPage for students to file in their Gen Y Student Notebooks, where they will serve as useful reference material. InfoPages also reside on the Gen Y Web Site so that they can be continually updated. InfoPages may contain URLs pertinent to the lesson. The URLs will be updated frequently. Sometimes, an InfoPage may require action or completion by students, for example, a worksheet, quiz or graphic organizer.

For your convenience, a teacher can download InfoPages to a local server for access from student workstations, or students can download the InfoPages directly from the Generation Y Web Site. Remember that these InfoPages will change as new information and technologies are developed.

Standards

This section contains unit correlations to the ISTE National Education Technology Standards and Performance Indicators for Students and the National Education Technology Standards for Teachers.

Activities with Prioritized Objectives

A complete list of activities is included for each unit. Each activity is constructed around a particular set of skills or objectives. One activity does not necessarily constitute one day or class session. Prioritized objectives are listed in order of importance to help teachers structure the lesson for their own purposes and situation. If time limits the amount of content covered in any given unit, those objectives appearing farther down the prioritized list are of lesser significance. These objectives are also generally listed in the order in which they are addressed in the activity itself.

Activities

Following these introductory unit pages, the activities are presented. An activity could also be called a lesson. The Materials, Before Beginning, and Background Information sections are intended to prepare teachers for the activities. Directions are presented in the Procedures section. Assessment, Related Issues, and Activity Extensions provide supplemental information for the activities.

Each activity contains all of these sections.

Materials: All tools and resources needed to support the learning activity are listed. Each activity is specifically designed to be free of platform constraints and not software specific. It is assumed that Gen Y teachers will become familiar with the network configuration and procedures of the school, and with the software

applications to be used in the activities. As always, printed (books and manuals) or online resources and tutorials may be available.

Before Beginning: Lists prerequisite actions a teacher should complete before the lesson begins. These are the steps a teacher would take to prepare for delivering the lesson.

Background Information: The teacher will find general information about the lesson topic in this section. This knowledge will help the teacher present the activity to the students in a larger context. This information is intended to make that teacher more comfortable about the content of the lesson and may be imparted to the students during the delivery of the actual lesson.

Procedures: Step-by-step actions that describe the delivery of the lesson, beginning with an estimate of the time allocated to the activity.

Assessment: The Assessment component for each activity provides the Gen Y teacher with specific examples of how to assess whether students have met each objective. Checklists for technical skills and project implementations are contained in the units to give students and teachers another way to evaluate progress.

Generation Y strongly believes that authentic assessment is invaluable and integral to the Gen Y curriculum. (Chapter 2 of the curriculum guide offers a full explanation of authentic assessment and evaluation as related to Generation Y.) Authentic assessment often relies upon teacher monitoring and observations in addition to the provided checklists and rubrics. Many Gen Y class sessions begin with whole-group demonstrations or discussions and proceed into work time on the computer. Assessment for the objectives met by meetings and work sessions would include teacher observations and anecdotal records.

Related Issues: Reminders, links and tips about related topics are found here. These issues include copyright, student safety, acceptable use policy (AUP) forms, and web publishing policies. Teachers might be alerted to check the Teacher Toolkit on the Gen Y Web Site for up to date links and recommendations for related activities.

Activity Extensions: The Activity Extensions provide additional possibilities for further study. They offer the teacher and students a chance to extend or jigsaw the learning opportunities.

Unit Extensions

The Unit Extensions provide ideas for alternative activities in lieu of the outlined activities in the unit. Students could also use these suggestions as additional practice or projects. Remember to also check out the Web Site and the Gen Y forums for more inspiration and ideas.