

# **Unit 2- Studio Production Equipment/Script Writing**

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## **Department of Curriculum and Instruction**



**Belleville Public Schools**

**Curriculum Guide**

## **Unit 2-Studio Production Equipment/Script Writing**

**Belleville Board of Education**

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**Belleville, NJ 07109**

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## **Unit Overview**

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Students will define and label parts of the MX70, Character Generator, Audio Board, Tape Deck, and Teleprompter. They will also name and describe the personnel and their functions of a three camera production crew. Students will explain how basic script formats are created and describe a basic dramatic story structure. Students will create a storyboard and explain the differences between analog and digital processes.

## **Enduring Understanding**

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Students will understand that....

Broadcasting is a form of marketing and advertisement

TV provides a venue to differentiate storytelling

TV provides access to all individuals of what events are taking place in the world

Many career opportunities are in the communication world and not just in front of the camera

Television scripts and screenwriters are needed to produce content broadcasted on television

## **Essential Questions**

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Can the student list and operate all personnel within the broadcasting studio?

Is the student able to prepare a script? (Ex. Comedy, Action, News, Drama)

Is the student able to understand how a news show script is created?

Can the student understand what are goal-directed programs?

Can the student explain the differences between analog and digital processes?

Can the student explain what is digitization processing and quantizing?

Is the student able to list benefits of digital television? Explain what is in your personal homes.

## **Exit Skills**

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Students will be able to.....

Identify all parts and operation mechanisms of the MX70, Character Generator, Audio Board, Tape Deck, and Teleprompter

Name all personnel used in the production of a three camera production and their job functions

Produce and create a storyboard

Explain the differences between analog and digital process and which is used today

Create a dramatic story structure and create the production with classmates

## **New Jersey Student Learning Standards (NJSL-S)**

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|                |   |
|----------------|---|
| 9.3.12.AR-AV   | A/V Technology & Film   |
| 9.3.12.AR-AV.1 | Describe the history, terminology, occupations and value of audio, video and film technology. |
| 9.3.12.AR-AV.2 | Demonstrate the use of basic tools and equipment used in audio, video and film production.    |
| 9.3.12.AR-AV.3 | Demonstrate technical support skills for audio, video and/or film productions.                |
| 9.3.12.AR-AV.4 | Design an audio, video and/or film production.  |

## **Interdisciplinary Connections**

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|                |  |
|----------------|--|
| LA.W.11-12.2.D | Use precise language, domain-specific vocabulary, and techniques such as metaphor, simile, and analogy to manage the complexity of the topic.  |
| LA.W.11-12.4   | Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience. (Grade-specific expectations for writing types are defined in standards 1–3 above.)   |
| LA.W.11-12.7   | Conduct short as well as more sustained research projects to answer a question (including a self-generated question) or solve a problem; narrow or broaden the inquiry when appropriate; synthesize multiple sources on the subject, demonstrating understanding of the subject under investigation. |
| LA.RI.11-12.7  | Integrate and evaluate multiple sources of information presented in different media or formats (e.g., visually, quantitatively) as well as in words in order to address a question or solve a problem.   |
| LA.RI.11-12.9  | Analyze and reflect on (e.g., practical knowledge, historical/cultural context, and background knowledge) documents of historical and literary significance for their themes, purposes and rhetorical features, including primary source documents relevant to U.S. and/or global history.           |
| LA.SL.11-12.1  | Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with peers on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively.   |

## Learning Objectives

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Students will be able to....

Prepare and Operate individual pieces of broadcast equipment throughout the studio

Create and explain how to format a script for a production

Generalize what the audience/viewer is looking for during a production

Interpret the difference between analog and digital broadcast technologies

| Remember  | Understand    | Apply       | Analyze       | Evaluate  | Create      |
|-----------|---------------|-------------|---------------|-----------|-------------|
|           | Classify      |             |               |           |             |
|           | Defend        | Choose      |               |           |             |
|           | Demonstrate   | Dramatize   |               |           |             |
|           | Distinguish   | Explain     |               |           | Combine     |
| Choose    | Explain       | Generalize  |               |           | Compose     |
| Describe  | Express       | Judge       | Categorize    |           | Construct   |
| Define    | Extend        | Organize    | Classify      |           | Design      |
| Label     | Give Examples | Paint       | Compare       | Appraise  | Develop     |
| List      | Illustrate    | Prepare     | Differentiate | Judge     | Formulate   |
| Locate    | Indicate      | Produce     | Distinguish   | Criticize | Hypothesize |
| Match     | Interrelate   | Select      | Identify      | Defend    | Invent      |
| Memorize  | Interpret     | Show        | Infer         | Compare   | Make        |
| Name      | Infer         | Sketch      | Point out     | Assess    | Originate   |
| Omit      | Match         | Solve       | Select        | Conclude  | Organize    |
| Recite    | Paraphrase    | Use         | Subdivide     | Contrast  | Plan        |
| Select    | Represent     | Add         | Survey        | Critique  | Produce     |
| State     | Restate       | Calculate   | Arrange       | Determine | Role Play   |
| Count     | Rewrite       | Change      | Breakdown     | Grade     | Drive       |
| Draw      | Select        | Classify    | Combine       | Justify   | Devise      |
| Outline   | Show          | Complete    | Detect        | Measure   | Generate    |
| Point     | Summarize     | Compute     | Diagram       | Rank      | Integrate   |
| Quote     | Tell          | Discover    | Discriminate  | Rate      | Prescribe   |
| Recall    | Translate     | Divide      | Illustrate    | Support   | Propose     |
| Recognize | Associate     | Examine     | Outline       | Test      | Reconstruct |
| Repeat    | Compute       | Graph       | Point out     |           | Revise      |
| Reproduce | Convert       | Interpolate | Separate      |           | Rewrite     |
|           | Discuss       | Manipulate  |               |           | Transform   |
|           | Estimate      | Modify      |               |           |             |
|           | Extrapolate   | Operate     |               |           |             |
|           | Generalize    | Subtract    |               |           |             |
|           | Predict       |             |               |           |             |



### **Suggested Activities & Best Practices**

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- Students will become familiar with the MX70
- Students will be able to identify and operate the MX70 withing the production setting
- Students will produce a live show using the technology equipment within the classroom
- Student will be able to create a script format for production

## **Assessment Evidence - Checking for Understanding (CFU)**

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-Students will be given quizzes to determine if mastery of studio equipment (MX70,Audioboard) was reached.-benchmark assessment

-Students will evaluate a news production and critique positive and negative production aspects.

Unit test-summative assessment

Evaluation rubric-formative assessment

Multimedia reports-alternate assessment

- Admit Tickets
- Anticipation Guide
- Common Benchmarks
- Compare & Contrast
- Create a Multimedia Poster
- DBQ's
- Define
- Describe
- Evaluate
- Evaluation rubrics
- Exit Tickets
- Explaining
- Fist- to-Five or Thumb-Ometer
- Illustration
- Journals
- KWL Chart
- Learning Center Activities
- Multimedia Reports
- Newspaper Headline
- Outline
- Question Stems
- Quickwrite
- Quizzes
- Red Light, Green Light
- Self- assessments
- Socratic Seminar
- Study Guide

- Surveys
- Teacher Observation Checklist
- Think, Pair, Share
- Think, Write, Pair, Share
- Top 10 List
- Unit review/Test prep
- Unit tests
- Web-Based Assessments
- Written Reports

## **Primary Resources & Materials**

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10th Edition- Television Production Handbook- "Zettl"

Youtube Video Contests

Hands on operation of all broadcasting equipment

## **Ancillary Resources**

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Video production studio tours of production studios (Ex. NBC, Fox News, MOPO Production Studio)

Youtube tutorials of video production equipment

I-Movie editing tutorial

## **Technology Infusion**

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HD Canon XA 10/Mini-DV Panasonic Cameras will be used to film activities. Videonics Character Generator will be used to upload all credits. Apple Mac Book- Editing software programs- Final Cut Studio, Adobe Premiere Pro, Vegas Studio will be used to edit all productions. Desktop PC's- Research local and world news stories for " Live Shows"



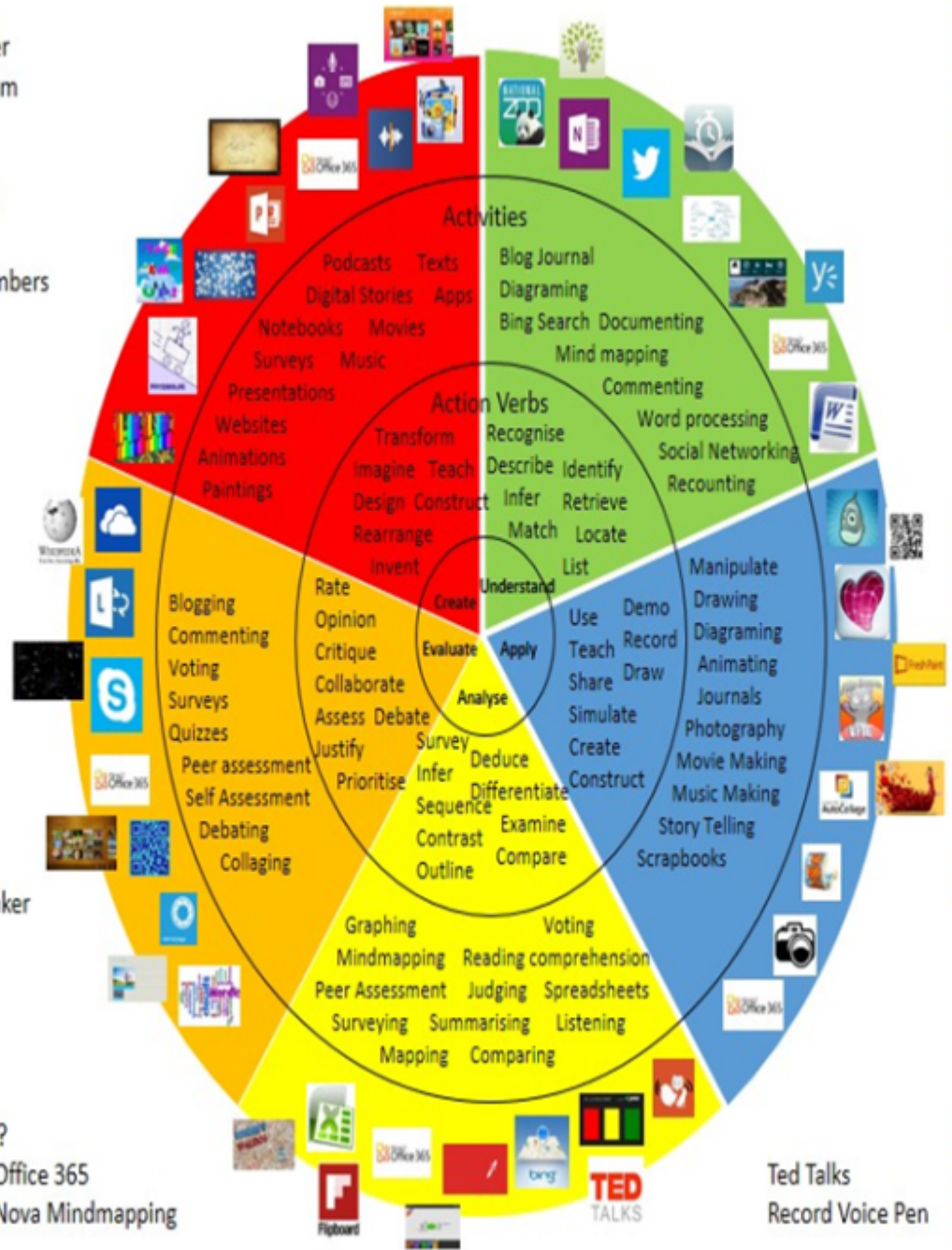
# Win 8.1 Apps/Tools Pedagogy Wheel

Podcasts  
 Photostory 3  
 Kid Story Builder  
 Music Maker Jam  
 Paint A Story  
 Office 365  
 MS PowerPoint  
 Stack 'Em Up  
 NqSquared Numbers  
 Physamajig  
 Xylophone 8

Wikipedia  
 Skydrive  
 Lync  
 SkyMap  
 Skype  
 Office 365  
 Puzzle Touch  
 Easy QR  
 Memorylage  
 Life Moments  
 Word Cloud Maker

Where's Waldo?  
 MS Excel  
 Flipboard  
 Office 365  
 Nova Mindmapping

Ted Talks  
 Record Voice Pen



Originally taken from <http://www.coetail.com/vzimmer/files/2013/02/IPadagogy-Wheel.001.jpg>  
 And adapted for Windows 8.1 devices by Charlotte Beckhurst @CharBeckhurst



## Alignment to 21st Century Skills & Technology

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|                  |  |
|------------------|--|
| CRP.K-12.CRP1    | Act as a responsible and contributing citizen and employee.  |
| CRP.K-12.CRP1.1  | Career-ready individuals understand the obligations and responsibilities of being a member of a community, and they demonstrate this understanding every day through their interactions with others. They are conscientious of the impacts of their decisions on others and the environment around them. They think about the near-term and long-term consequences of their actions and seek to act in ways that contribute to the betterment of their teams, families, community and workplace. They are reliable and consistent in going beyond the minimum expectation and in participating in activities that serve the greater good.  |
| CRP.K-12.CRP4    | Communicate clearly and effectively and with reason.   |
| CRP.K-12.CRP4.1  | Career-ready individuals communicate thoughts, ideas, and action plans with clarity, whether using written, verbal, and/or visual methods. They communicate in the workplace with clarity and purpose to make maximum use of their own and others' time. They are excellent writers; they master conventions, word choice, and organization, and use effective tone and presentation skills to articulate ideas. They are skilled at interacting with others; they are active listeners and speak clearly and with purpose. Career-ready individuals think about the audience for their communication and prepare accordingly to ensure the desired outcome.   |
| CRP.K-12.CRP6    | Demonstrate creativity and innovation.   |
| CRP.K-12.CRP10   | Plan education and career paths aligned to personal goals.   |
| CRP.K-12.CRP10.1 | Career-ready individuals take personal ownership of their own education and career goals, and they regularly act on a plan to attain these goals. They understand their own career interests, preferences, goals, and requirements. They have perspective regarding the pathways available to them and the time, effort, experience and other requirements to pursue each, including a path of entrepreneurship. They recognize the value of each step in the education and experiential process, and they recognize that nearly all career paths require ongoing education and experience. They seek counselors, mentors, and other experts to assist in the planning and execution of career and personal goals. |
| CRP.K-12.CRP11   | Use technology to enhance productivity.  |
| CRP.K-12.CRP11.1 | Career-ready individuals find and maximize the productive value of existing and new technology to accomplish workplace tasks and solve workplace problems. They are flexible and adaptive in acquiring new technology. They are proficient with ubiquitous technology applications. They understand the inherent risks-personal and organizational-of technology applications, and they take actions to prevent or mitigate these risks.   |
| CAEP.9.2.12.C.1  | Review career goals and determine steps necessary for attainment.  |
| TECH.8.1.12.C    | Communication and Collaboration: Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.  |

|                   |   |
|-------------------|---|
| TECH.8.1.12.C.1   | Develop an innovative solution to a real world problem or issue in collaboration with peers and experts, and present ideas for feedback through social media or in an online community. |
| TECH.8.1.12.C.CS1 | Interact, collaborate, and publish with peers, experts, or others by employing a variety of digital environments and media.   |
| TECH.8.1.12.C.CS2 | Communicate information and ideas to multiple audiences using a variety of media and formats.   |
| TECH.8.1.12.C.CS3 | Develop cultural understanding and global awareness by engaging with learners of other cultures.  |
| TECH.8.1.12.C.CS4 | Contribute to project teams to produce original works or solve problems.  |

## **21st Century Skills/Interdisciplinary Themes**

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- Communication and Collaboration
- Creativity and Innovation
- Critical thinking and Problem Solving
- ICT (Information, Communications and Technology) Literacy
- Information Literacy
- Life and Career Skills
- Media Literacy

## **21st Century Skills**

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- Civic Literacy
- Environmental Literacy
- Financial, Economic, Business and Entrepreneurial Literacy
- Global Awareness
- Health Literacy

## **Differentiation**

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-Students will work in small groups operating the MX70, Audioboard, and character generator

-Students will be given extra time to master the operation of MX70, Audioboard, and character generator.

### **Differentiations:**

- Small group instruction
- Small group assignments
- Extra time to complete assignments
- Pairing oral instruction with visuals
- Repeat directions

- Use manipulatives
- Center-based instruction
- Token economy
- Study guides
- Teacher reads assessments allowed
- Scheduled breaks
- Rephrase written directions
- Multisensory approaches
- Additional time
- Preview vocabulary
- Preview content & concepts
- Story guides
- Behavior management plan
- Highlight text
- Student(s) work with assigned partner
- Visual presentation
- Assistive technology
- Auditory presentations
- Large print edition
- Dictation to scribe
- Small group setting

#### **Hi-Prep Differentiations:**

- Alternative formative and summative assessments
- Choice boards
- Games and tournaments
- Group investigations
- Guided Reading
- Independent research and projects
- Interest groups
- Learning contracts
- Leveled rubrics
- Literature circles
- Multiple intelligence options
- Multiple texts
- Personal agendas
- Project-based learning
- Problem-based learning
- Stations/centers
- Think-Tac-Toes
- Tiered activities/assignments
- Tiered products
- Varying organizers for instructions

#### **Lo-Prep Differentiations**

- Choice of books or activities
- Cubing activities
- Exploration by interest
- Flexible grouping
- Goal setting with students
- Jigsaw

- Mini workshops to re-teach or extend skills
- Open-ended activities
- Think-Pair-Share
- Reading buddies
- Varied journal prompts
- Varied supplemental materials

## **Special Education Learning (IEP's & 504's)**

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-Students will work with assigned partner in order to master production equipment use

-Students will be given extra time for written test and hands on test for all equipment in unit

- printed copy of board work/notes provided
- additional time for skill mastery
- assistive technology
- behavior management plan
- Center-Based Instruction
- check work frequently for understanding
- computer or electronic device utilizes
- extended time on tests/ quizzes
- have student repeat directions to check for understanding
- highlighted text visual presentation
- modified assignment format
- modified test content
- modified test format
- modified test length
- multiple test sessions
- multi-sensory presentation
- preferential seating
- preview of content, concepts, and vocabulary
- Provide modifications as dictated in the student's IEP/504 plan
- reduced/shortened reading assignments
- Reduced/shortened written assignments
- secure attention before giving instruction/directions
- shortened assignments
- student working with an assigned partner

- teacher initiated weekly assignment sheet
- Use open book, study guides, test prototypes

## **English Language Learning (ELL)**

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-Students will be paired up with a student whom speaks same language to assist in technology lessons on MX70, audioboard, and character generator

-Students will be allowed to correct all errors to ensure proper use of equipment

- teaching key aspects of a topic. Eliminate nonessential information
- using videos, illustrations, pictures, and drawings to explain or clarify
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning;
- allowing students to correct errors (looking for understanding)
- allowing the use of note cards or open-book during testing
- decreasing the amount of work presented or required
- having peers take notes or providing a copy of the teacher's notes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using computer word processing spell check and grammar check features
- using true/false, matching, or fill in the blank tests in lieu of essay tests

## **At Risk**

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-Peer to peer tutoring will be arranged as needed for students to master all equipment use

-Students can help peers take notes and photocopy all notes on equipment for students as needed

- allowing students to correct errors (looking for understanding)
- teaching key aspects of a topic. Eliminate nonessential information
- allowing products (projects, timelines, demonstrations, models, drawings, dioramas, poster boards, charts, graphs, slide shows, videos, etc.) to demonstrate student's learning
- allowing students to select from given choices
- allowing the use of note cards or open-book during testing
- collaborating (general education teacher and specialist) to modify vocabulary, omit or modify items to reflect objectives for the student, eliminate sections of the test, and determine how the grade will be determined prior to giving the test.
- decreasing the amount of work presented or required

- having peers take notes or providing a copy of the teacher's notes
- marking students' correct and acceptable work, not the mistakes
- modifying tests to reflect selected objectives
- providing study guides
- reducing or omitting lengthy outside reading assignments
- reducing the number of answer choices on a multiple choice test
- tutoring by peers
- using authentic assessments with real-life problem-solving
- using true/false, matching, or fill in the blank tests in lieu of essay tests
- using videos, illustrations, pictures, and drawings to explain or clarify

## **Talented and Gifted Learning (T&G)**

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-Students will create an advanced Audioboard soundtrack for display in production

-Students will troubleshoot any additional equipment issues when problem arises during show

- Above grade level placement option for qualified students
- Advanced problem-solving
- Allow students to work at a faster pace
- Cluster grouping
- Complete activities aligned with above grade level text using Benchmark results
- Create a blog or social media page about their unit
- Create a plan to solve an issue presented in the class or in a text
- Debate issues with research to support arguments
- Flexible skill grouping within a class or across grade level for rigor
- Higher order, critical & creative thinking skills, and discovery
- Multi-disciplinary unit and/or project
- Teacher-selected instructional strategies that are focused to provide challenge, engagement, and growth opportunities
- Utilize exploratory connections to higher-grade concepts
- Utilize project-based learning for greater depth of knowledge

## **Sample Lesson**

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