

# **STUDENT LEARNING ACTIVITY FOR TECHNOLOGY EDUCATION**

**SYSTEM TITLE:** COMMUNICATIONS

**COURSE TITLE:** COMMUNICATIONS/TRANSPORTATION - POWER & ENERGY  
GRADE 7 AND/OR 8

**CONCEPT:** ELECTRONIC COMMUNICATIONS

**ACTIVITY TITLE:** TELECOMMUNICATION PROCESS/AUDIO BROADCASTING

**REQUIRED NUMBER OF CLASS PERIODS:** One

**INTRODUCTION:** Audio broadcasting is a means of communicating information from one human to another. Students will gather information from one human to another. Students will gather information to be used to create a five minute news broadcast to be listened to by the entire class.

**OBJECTIVES:** THE STUDENT WILL:

1. Research and develop material for a five minute radio program.
2. To experience using taping equipment.

**PROCEDURE:** List steps and include working drawing.

#### INFORMATION

THE FOLLOWING REQUIREMENTS MUST BE INCLUDED WHEN YOU ORGANIZE YOUR MATERIAL FOR THE PROGRAM:

#### PROCEDURE

1. Announce the call letters for your station at the beginning and end of the program. (WCOM - 128 on your radio dial)
2. Announce the time, day and date of your broadcast.
3. Announce the weather report for the day.
4. Have at least one commercial.
5. Announce at least two minutes of news.
6. May play some music (no more than two minutes).
7. Read through the sample layout format sheet for the news program.
8. Fill out the audio communication format sheet.
9. Have instructor check communication format sheet before taping
10. Begin taping program.

# AUDIO COMMUNICATION FORMAT SHEET

## SAMPLE FORMAT LAYOUT FOR PROGRAM

### START OF PROGRAM

*Good morning/afternoon, this is WCOM - 128 on your  
radio dial. I'm Jack Flak bringing you the Hi-Tech  
info program for today.*

*(Short Pause)*

### WEATHER REPORT

*The weather today calls for a partly sunny day with  
snow predicted by late this afternoon. The temperature  
is 8 degrees with a high today of 24 degrees.*

### COMMERCIAL

*Are you full of alot of hot air??? (Pause) Then  
you should try Big Bubble bubble gum. (Pause) You  
will get the biggest, bestest, loudest bubbles with  
Big Bubble bubble gum. Only 25¢ a stick. Get some today!*

### NEWS OF THE DAY

*Now today's news.*

*(This part of the program can be created by the announcer  
or researched in a newspaper so you have enough  
information to read for two minutes.)*

### SIGN OFF

*This is Jack Flack signing off for WCOM - Good Day!!*

# AUDIO COMMUNICATION FORMAT SHEET

DIRECTIONS: Students will complete the format for their radio program below and get instructor's approval for taping.

## START OF PROGRAM

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## WEATHER REPORT

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## COMMERCIAL

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## NEWS OF THE DAY

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## SIGN OFF

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**REFERENCE:**

INSTRUCTOR ORIGINAL

**EVALUATION CRITERIA:**

1. Listen to tape for the following:
  - A. Correct pronunciation of words
  - B. Voice pauses at the right time
  - C. Good voice quality and continuity
  - D. Is message clearly understood by listener?

# **LEARNING ACTIVITY**

## **INSTRUCTOR INFORMATION**

**SYSTEM TITLE:** COMMUNICATIONS

**COURSE TITLE:** COMMUNICATIONS/TRANSPORTATION - POWER & ENERGY  
GRADE 7 AND/OR 8

**CONCEPT:** ELECTRONIC COMMUNICATIONS

**ACTIVITY TITLE:** TELECOMMUNICATION PROCESS + AUDIO BROADCASTING

**REQUIRED NUMBER OF CLASS PERIODS:** . One

**OBJECTIVES:** THE STUDENT WILL:

1. Research and develop material for a five minute radio program
2. To experience using taping equipment

**RESOURCES NEEDED:** Cassette tape recorder/player  
Cassette tape

**REFERENCES:** INSTRUCTOR ORIGINAL  
Green Bay area public schools  
Curriculum Department

**SPECIAL SAFETY CONSIDERATIONS:**  
Safety precautions will be followed when using  
a cassette tape recorder