

**CONRAD PRODUCTIONS
41 WASHINGTON PLACE
EAST RUTHERFORD, NJ 07073
(201) 935 - 6396 * 1 - 800 - 352 - 7256**

CULTURAL ARTS EDUCATIONAL SCHOOL ASSEMBLY PROGRAMS

TO: Assembly Coordinator
From: Bob Conrad
RE: Assembly Program

Enclosed are newsletter/bulletin information, study guides for the program **The Magic of Science** . Please use these materials to prepare for the assembly as indicated.

Bulletin Information: This information may be used verbatim or in an edited version for the school newsletter, bulletin, or other media.

Study Guides: Classroom discussion of the subject matter presented in the program will greatly facilitate student comprehension of the educational content of the program. Please provide a copy of the study guides to each of the classroom teachers.

Introduction: Please give the enclosed suggested introduction to the person that will be introducing the program, and ask them to read the introduction as written. Thank you.

We thank you for your efforts in preparing students for the upcoming assembly program.

THE MAGIC OF SCIENCE Suggested introduction

Today we have a special program all about SCIENCE. Our presenter, Mr. Bob Conrad visits hundreds of schools each year . He uses magic and illusion to show us that learning about Science can be fun.

Let us have a warm welcome for Bob Conrad and The Magic of Science.

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THE MAGIC OF SCIENCE

A TEACHERS GUIDE

TEACHERS' OUTLINE:

This program explores the vast subject of science from the view point of the magician, explaining various branches of science in an entertaining and magical way.

We discuss several great men of science and their contributions;

Thomas Edison: Incandescent lamp, the motion picture, the phonograph.

Ben Franklin: discovered electricity.

Alexander Graham Bell: The Telephone.

Issac Newton: the laws of motion.

We explore optical illusions and how and why they fool our eyes, and we explain how they are used by such people as architects, scenic designers, interior decorators, artists, and magicians.

The program explores such questions as: How does sound travel? How does a rocket fly? Does water conduct electricity? What is static electricity?

We touch on various aspects of science from solar energy to electrical conductivity. We try to show that science touches all of us and is not something performed only by scientists in laboratories. Our aim is to show that science is important, it is interesting and it can be fun. To accomplish this aim we use an assortment of magic tricks, puppets, ventriloquism, balloons and a number of science experiments.

The program is presented in a lighthearted, entertaining fashion that is both educational and fun at the same time. It is a stepping off point that can lead to in depth discussion in the classroom at any grade level. Please use this program as an introduction and follow up with classroom discussion .

OUR TWO OBJECTIVES

1. First , just as students are taught how to exit the school in case of a fire, they need to learn how to assemble in a quiet and orderly manner. This program is a **live** program which is **spontaneously** presented and not automatically presented as a movie or television program. Therefore, it calls for students to be on extra good behavior. This means reminding them before the program about good assembly manners, such as not

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talking, sitting up straight, keeping hands to themselves and laughing/ applauding the program without booing or whistling.

2. Second, the purpose of the program is to introduce , broaden, and give depth to the individual student's conception of some of the particulars, as well as wide range of material in the study of the various branches of science. Younger students will understand that science is important and has created our way of life. They will be introduced to inventors and scientist that have changed the way we live. Older elementary students will enjoy the program because it puts the fun back into learning.

SUGGESTED CLASSROOM PREPARATION FOR THIS PROGRAM

Tell your students that several students will be invited to take part in the program. Only those who are seated quietly with their hand raised will be asked. Remind your students to be on good behavior.

Look over the books in the Bibliography or select one from your own school library to read or show to your class to prepare them for what will happen.

BIBLIOGRAPHY:

333 SCIENCE TRICKS AND EXPERIMENTS : Robert J. Brown (Tab Books Inc)

SHOW TIME FOR YOUNG SCIENTISTS: George Barr (McGraw Hill)

SCIENCE MAGIC: Ormond McGill (Arco Publishing, Inc)

ENERGY FOR THE 21ST CENTURY: F.M. Branley (Crowell)

ENERGY FROM THE SUN: Melvin Berger Crowell

AREAS OF CURRICULUM INTO WHICH PROGRAM MAY BE INTEGRATED:

SCIENCE, SOCIAL STUDIES, ART, DRAMA, MUSIC.

VOCABULARY WORDS USED IN THIS PROGRAM:

THOMAS EDISON	MAGIC	BENJAMIN FRANKLIN	RADIO
INVENTOR	SOUND	GUGLIELMO MARCONI	OPTICAL
ILLUSION	AUDIO	ELECTRICITY	NEWTON
SCIENTIST	ROBOT	ULTRAVIOLET	MOTION
CHEMICAL		ALEXANDER GRAHAM BELL	
RADIOMETER	VIBRATION		

We have enclosed an Science Word Search using these words. Please copy and distribute to your class.

SUGGESTED FOLLOW-UP ACTIVITIES :

It has been said that learning occurs as we reflect about what has happened - it is

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important to allow time for student reflection after the program. Some suggestions are:

1. Assign the composition of letters relating to the program. These may be addressed to the performer, the PTA (if they sponsored the presentation) , the administrator, or even the local newspaper.
2. Assign the drawing of posters that relate to the program just seen.
3. General classroom discussion of the areas of science that touch our lives everyday.
4. General classroom discussion of the various historic figures, scientists and inventors mentioned in the program.
5. Discuss the ways that science has helped to make the world we live in a better place to live.
6. Copy and distribute Science Word Search to your class.

NEWSLETTER/BULLETIN INFORMATION

Bob Conrad, professional school assembly presenter specializing in entertaining, educational assembly programs, will be performing for the students of _____ School on _____ (date) at _____(time) .

Mr. Conrad will present his program "The Magic of Science ". What makes this program different than other magic programs is that many of the effects that appear to be magic are really scientific fact. This is real magic, The Magic of Science.

The program is presented in an entertaining fashion and in terms that will understood by the youngest students. Bob Conrad is assisted by his playful robot Benjamin. With the help of a 200,000 volt Van de Graaf generator Bob Conrad will perform some "hair raising" magic.

Bob Conrad travels to hundreds of schools trough out New York, New Jersey, Connecticut, and Pennsylvania each year presenting this and other educational programs. No newcomer to the field of children's entertainment , Conrad has been appearing at schools, shopping malls, libraries, museums, camps and picnics for more than 25 years. He is the author of " THE PUPPETRY WORKSHOP MANUAL", " MOUTH PUPPETS", and "BOB CONRAD'S CHALK TALK CARTOONS". Considered an expert in the field of children's entertainment he is a regular columnist in "LAUGH MAKERS" magazine. For ten years he was the editor of "PUPPETRY WORKSHEET" the official newsletter of the AMERICAN PUPPETMAKERS ASSOCIATION, of which he was one of the founders. He is a member of the Puppeteers of America, The Puppetry Guild of New York, The North American Association of Ventriloquists, and the Society of American Magicians.

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Photo's may be down loaded from Web Site.

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