

# BLUE SKY BELOW MY FEET

A 4-H TELEVISION SERIES FOR 9 TO 12 YEAR OLDS

## NASA and 4-H Join Together to explore space technology and how it relates to life on earth

## **Blue Sky Below My Feet**



Three half-hour\* television programs featuring

- NASA shuttle astronauts
- Impulse the animated satellite
- Members of the Blue Sky 4-H Club
- Actual scenes of astronauts in space and training for space at Johnson Space Center

## SHOW #1

#### MISSION: GRAVITY AND FORCES

Discover what gravity is — what it's like to be weightless — how to work in space — how to eat in space — how to sleep in space — how gravity affects our lives on earth

### SHOW #2

#### MISSION: FIBER AND FABRICS

Find out how space suits are made — how the different layers of fabric work — if astronauts wear the same fabrics in space that we wear on earth — why we wear certain fabrics for sports, others for our jobs, others at home — the difference between man-made and natural fibers

### SHOW #3

#### MISSION: FOOD AND NUTRITION

Explore how food is prepared for space — how astronauts eat in space — what kinds of foods astronauts eat in space — how good nutrition affects health and the ability to perform various tasks



#### TO COMPLETE THE "BLUE SKY" MISSIONS:

۲h	ere's a full payload of activities
	Mission Manual — comic book format depicts learning
	activities for each of the three programs. This workbook for
	young people reinforces major concepts, enlarges upon
	subject matter areas and makes learning fun!
	Leader/Teacher Guide — help for the adult educator in
	expanding the knowledge base for young people, using
	accompanying teaching tools, and planning for extensive
	learning activities.
	Facilitator's Guide — a brief look at ways to use the "Blue
	Sky" programs and accompanying materials.
	Membership Card — participating youngsters become
	members of the Blue Sky 4-H Club!
	Certificates of Completion — recognize your Blue Sky
	members with certificates, upon completion of the various
	program missions.
	T-Shirts — every club has their own T-shirt complete with the
	club emblem, and the Blue Sky club is no different!
	Blue Sky Shuttle Models — a special model for club members
	to assemble themselves.
	Space Posters — famed futuristic space artist Dexter Dickinson
	created six posters depicting life in space. Each poster is
	backed with an explanation of featured scenes. Posters were
	designed especially for the Blue Sky project!
	Buttons — club members will want to have their own Blue Sky
	4-H Club emblem buttons





## A 4-H TELEVISION PRODUCTION

Arthur Young International; Extension Service, United States Department of Agriculture; State Extension Services of the Land Grant Universities; National 4-H Council; and National Aeronautics and Space Administration cooperating

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□ The Production Center at Arthur Young, Reston, Virginia
□ National 4-H Council
□ 4-H Youth and Home Economics & Human Nutrition, Extension Service, United States Department of Agriculture
EDUCATIONAL AND PROMOTIONAL MATERIALS BY:
□ The Production Center at Arthur Young
□ National 4-H Council
□ 4-H Youth and Home Economics & Human Nutrition, Extension Service, United States Department of Agriculture
□ Cooperative Extension Service, Virginia Polytechnic Institute and State University

#### CONSULTANTS:

- ☐ Cooperative Extension Service, University of Connecticut
- $\square$  Cooperative Extension Service, University of Georgia
- $\square$  Cooperative Extension Service, Purdue University
- □ Cooperative Extension Service, Michigan State University
- ☐ Cooperative Extension, Cornell University
- Extension Service, Oregon State University

☐ Dade County Public School System

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