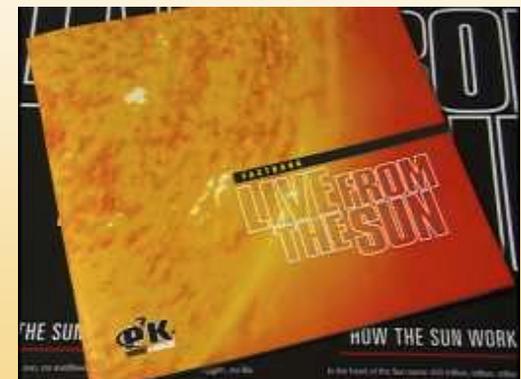
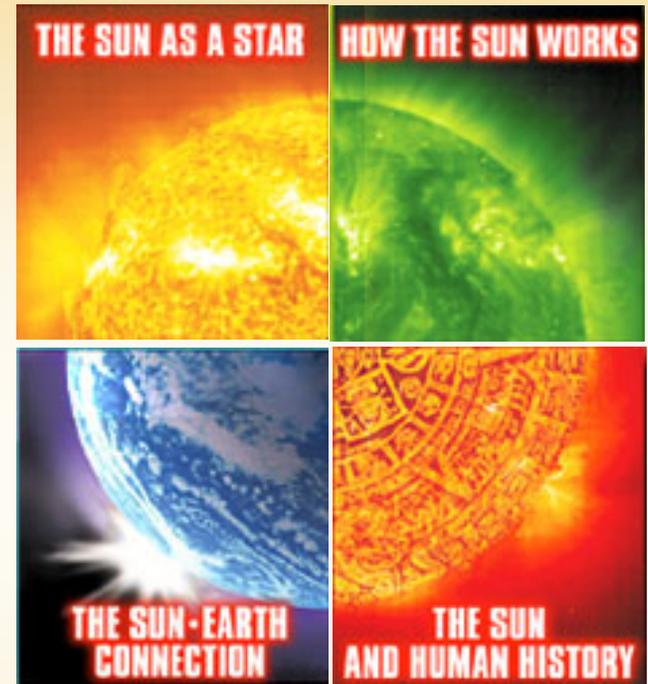




Example Successes - ISTP, ACE, SOHO

• LIVE FROM THE SUN

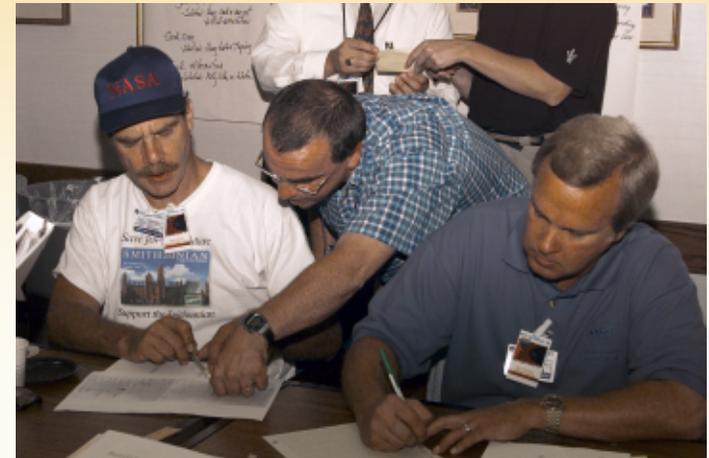
- “Electronic field trip” combines broadcast TV and videotape, Web chats, e-mail Q&A, hands-on activities, and printed materials
- Covers 35% of science standards
- Video/live shows aired March 16 and April 13, 1999, broadcast by 250 PBS stations and NASA-TV.
- Estimated reach: 1.5 to 2 million teachers and students.
- Produced by Passport to Knowledge, supported by OSS, ISTP, SOHO, ACE, other agencies





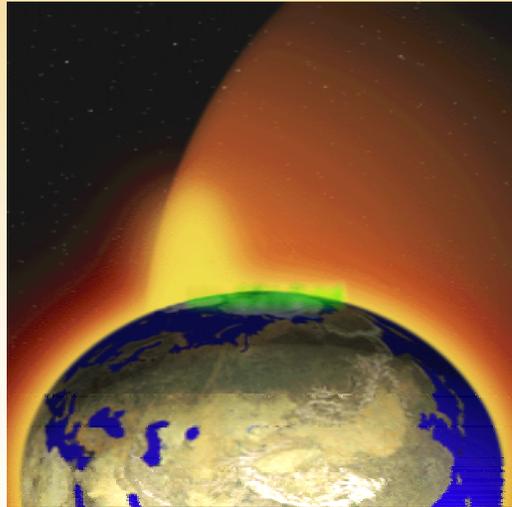
Example Successes - ISTP

- **“Connecting Kids to Sun-Earth Connections” teacher workshop**
- 19 middle and high school teachers from 8 states -- met in July 1998 at GSFC
- Focused on inquiry-based science, demos of existing and potential educational products
- Conducted evaluations of workshop, products, and classroom activities
 - “Importance of contact between teachers and scientists cannot be overemphasized.”
 - “Every minute counted.”
 - “One of the best professional development experiences I’ve had”
- Follow-up: archived lessons, evaluations, and resources on web; contacted teachers using materials in class; activities, lessons incorporated into “Live from the Sun”
- ISTP Workshop Part 2 -- teachers returning in Summer 1999 for development of SEC/ISTP kit





Example Successes - ISTP



Images and Animations

- Created and produced new animations of:
 - **Coronal Mass Ejection and shock wave**
 - **Radiation belts**
 - **Ionospheric outflow into magnetosphere**
 - **Deep di-electric charging of spacecraft**
 - **Earth's Magnetosphere**
- Produced 3-minute video intro to ISTP
- Produced 9-minute and 3-minute montages of Sun-Earth Connections movies/images to spark student, public interest in SEC
- Maryland Science Center will use ISTP videos in its new "SpaceLink" exhibit
- Footage distributed to more than 50 science centers and planetaria nationwide
- Developed themed backdrop to promote awareness of solar maximum at science fairs, education meetings, civic events

