

Japan Screen Topics

ISSUE No. 79-9

CHILDREN'S EXPOSITION

92 feet 2 min. 33 sec

- 1.(CHILD'S HEAD) The United Nations have declared 1979 The Year of the Child, and all over the world countries are taking part.
- 2.(PAN OF EXPOSITION GROUNDS) Japan is no exception, and here at the Youth Park in Aichi Prefecture, a ceremony marks the start of a UNICEF exposition entitled The Children of the World and Japan....
A welcoming address from the Special Guest, His Royal Highness the Crown Prince Akihito.
- 3.(OHIRA SPEAKING) Opening the proceedings, the Prime Minister of JAPAN, Mr. Masayoshi Ohira.
- 4.(ROW OF GUESTS STANDING) Among the other dignitaries, Mr. Henry R. Labouisse, the Director of UNICEF.
- 5.(CHILDREN'S BALLET) After the opening speeches, a varied programme of entertainment is provided, appropriately, by children hailing from all over Japan: ballet, a brass-band...exhibitions of marching are among the offerings on the bill.
- 6.(BALOONS) And when the official formalities are over, the way is clear for the many visitors to enter the three pavilions. There's one for the "Children of the World", another for the "Children of Japan", and a third deals with tomorrow's child - a "Future Pavilion". For the whole month there will also be films, concerts and lectures as well as a variety of sporting events.

7.(FUTURE PAVILION) This is where today's child can indulge his fantasies and take a glimpse at what tomorrow's world might look like:...the cities of the future...advanced methods of transport and communications...and here a car-phone for a youthful driver. And by a curious stroke of circumstance, this very system has just been introduced to Japan's major cities, bringing the Future Pavilion one step closer to the present day.

PATIENT SIMULATOR

85 feet 2 min. 22 sec.

- 1.(MOUTH-TO-MOUTH) When a patient's heart or breathing stops, the difference between life and death can be measured in a matter of seconds. The doctor must know exactly how to react; there is not the slightest margin for error.
- 2.(REMOVING WIG) That's why practice is important. The Patient Simulator, developed at the Institute of Engineering of Tokyo Women's Medical College, permits any amount of practice with absolutely no risk to life. Consisting of a "robot" head, thorax, and arm, the ingenious Simulator can reproduce virtually the same symptoms as a human being in need of intensive care.
- 3.(KEYBOARD) The microcomputer has put the patient into a state of unconsciousness. The TV screen lists a detailed register of the exact symptoms. The doctor can then check for these symptoms, learning how to recognise them...pupil dilation...pulse...heartbeat.
- 4.(TV MONITOR) The examination made by the doctor is recorded step by step on the screen. The doctor then begins initial resuscitation, administering artificial respiration and heart-massage.

5.(TV MONITOR) Once again he can check the effects of this on the screen and based on the reaction can then administer the appropriate medication.

6.(CHECKING PUPILS) Another check on the pupils; the response appears to be normal, and a check with the screen confirms that the patient is on the way to recovery. The doctor may then continue his treatment, knowing that each step he takes will lead him closer to the time when his training and his skills will help save lives.

SOLAR ZOO

98 feet 2 min. 43 sec.

1.(TIGERS) With energy-conservation in the forefront of the news these days, it seems the animal kingdom is getting into the act. The Oji Zoo in Kobe is the first in the world to make use of solar energy for the heating and cooling needs of the reptile and nocturnal houses.

2.(PANELS) Opened in April, the system employs 225 glass solar-collectors, covering an area of 440 square meters. Beneath them a network of pipes keeps up a flow of water that is maintained at 60 - 80 degrees, even when summer temperatures reach as high as a 100 degrees.

3.(CONTROL ROOM) The water is piped to a central storage and control room. From here it will be sent to the cages as and when required...

4.(THERMOSTAT) A thermostat is all that's needed in the animal houses. Once set, the control-room will see to it that the temperature is maintained. That's especially important for those that like a tropical environment. The alligators, for example, thrive on a 31 degree setting. Meanwhile for the more human visitors, the same system is employed to power the air-conditioning. So it's a mutually satisfying system where everyone gets what they want.

5. (SMALL MONKEY) Nocturnals in a zoo live in a day-for-night situation, or the paying guests wouldn't be able to see them. In the nocturnals' house, the solar-system turns each day into a temperate night, again keeping everyone happy.

It's a world's first that is certain to attract a lot of attention.

"ALL ABOARD!"

92 feet 2 min. 33 sec.

1. (SKYSCRAPER) Dwarfed by one of Tokyo's high-rise buildings, 43 steam locomotives get-up steam. Miniature steam locomotives are extremely popular in Japan, and on this occasion, 14 enthusiasts from the Federal Republic of Germany, Britain and Switzerland have joined with 29 Japanese who share their interest...The locomotives are one-eighth to one-tenth in scale, and they're using the 5" international standard gauge.

2. (POURING IN WATER) Some of the participants have spent as long as ten years building their locomotives. The cost of materials can be as high as \$5,000. But for the SL enthusiast what really matters is the thrill of recreating the golden-age of steam - something which many of the visitors to the exhibition have never known.

3. (CHILDREN RIDING) Twenty to thirty children can ride on the trains at any one time, taking two and a half minutes to complete one of the two 250-meter tracks around Tokyo's Sumitomo Building. It's a far cry from Japan's famous bullet-trains, but for some people at least, it's a lot more exciting. All aboard!

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