



Japan Screen Topics

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"MOVE MASTER" ROBOT

101 feet 2 min 49 sec

1. (ROBOT) A new kind of robot has just come out on the market in Japan a micro-robot called Move Master.
2. (MOVING ARM, ROBOT UP) The Move Master robot is 10 inches high and weighs only 10 kilograms ... so it's easily portable.
3. (ROBOT) It has its power supply built right in, and is equipped with a micro-computer.
4. (ROBOT HAND) And it can pick up objects weighing up to 500 grams. The Move Master is used along with either a robot controller or a personal computer.
5. (TYPING) The Move Master may not be the fastest typist in the world. but it does hit the right keys.
6. (CHESS) And it can challenge the grand masters on the chessboard.
7. (ROBOT UP) Right now, this micro-robot is aimed at hobbyists and for training operators in robot language and operating techniques, but other applications will be developed in the future.
8. (ROBOT, COMPUTER) The Move Master is priced at around \$2400, and the special robot controller is \$2600. Even though it's in the lower price range, this robot is provided with functions equal to those of industrial robots.

BOY'S DAY CELEBRATIONS

74 feet 2 min 4 sec

1. (FLYING CARP) Every year at the beginning of May...this is what you see in towns and cities throughout Japan.

Flying carp, or "Koi-nobori"....made of paper or cloth.... to celebrate Boy's Day on May 5th.

2. (FAMILY, DOLLS) The idea is that the carp swims upstream, against the current... And Japanese parents pray that their sons will grow up brave and strong like the carp.

3. (SHOKI DEMON GOD) Ceremonies are held on May 5th in honor of the demon-god Shōki, whose fierce statues stand guard at the entrance to Buddhist temples in Japan. In pre-vaccination days, he was believed to protect people from smallpox.

4. (FAMILY) May 5th has been a festival day since the 8th century. On this day, the family displays ornate helmets and warrior dolls...in the living room or hall.

Reminders of Japan's samurai heritage.

5. (CHILDREN, PARENTS) Many families have dolls like these that have been passed down from generation to generation. Some are centuries old.

6. (CARP ON POLES) Boy's Day is a happy event for everyone.... one of the highlights of the Japanese calendar.

BABY CYCLOTRON AND CAT SCAN

103 feet 2 min 52 sec

1. (HOSPITAL, CYCLOTRON) Tokyo's Nakano Hospital...where a new device for medical diagnosis is making its debut.

2. (CYCLOTRON, DOCTORS) It's called a Baby Cyclotron. Surrounded by a 1 meter thick wall of concrete, the Baby Cyclotron only takes up 20 meters square of floor space.....

A super-compact edition of a machine that's assisting doctors in the diagnosis of disease without surgery.

A cyclotron uses electric waves to accelerate hydrogen, helium, and other ions between magnetic poles. The ions are shot at a target substance to cause a nuclear reaction..... creating radio isotopes.

3. (PATIENT, CAT SCAN) These radio isotopes are absorbed by the diseased tissues of a patient...

The problem areas show up on the X-ray CAT SCAN screen.

4. (DOCTORS, SCREEN) The system produces cross-section images of entire organs.....like the brain.

Malfunctioning areas of the body can be pinpointed by looking at the CAT SCAN screen.

5. (CYCLOTRON) In the not so distant past, cyclotrons were only used in nuclear physics research.... and the machines took up entire buildings.

The Baby Cyclotron is not only small, but SAFE, too... specially sealed to prevent radiation leakage.

KITE FIGHT

71 feet 1 min 59 sec

1. (TEAMS, KITES) Hamamatsu City in Shizuoka Prefecture springs to life every year for 3 days in May.

Since the Edo period, the Hamamatsu Festival has drawn people to the town for its famous main event...KITE FIGHTING.

2. (MEN IN HAPPI COATS) Over 200 years ago, the festival was part of the birthday celebrations for the son of the local lord. Since then it's always been part of the Boy's Day festivities in Hamamatsu.

3. (KITES) The kitestings are highest-quality linen twine and the teams try to cut up each other's lines by the friction of pulling and tugging.

4. (TEAMS STRUGGLING) Amid the smell of burning twine and occasional white puffs of smoke, several hundred people get into the mad scramble.

This year, teams from 66 towns all over Japan participated in the contest.

Each team has a captain who gives orders on how to maneuver.

And some of the teams kept the friction on their kitestings from concentrating on one spot...by using a clever kind of pulley to move the other side's line up or down.

5. (WINNERS) Unlike most Japanese festivals, the Hamamatsu Festival has neither Buddhist nor Shinto roots.

But the merry-makers do make a point of praying for the birth of a son,...and for the health of their children.