

'Camera' To See Eclipse

The solar eclipse of March 7 will begin at 12:15 p.m. for the Detroit metropolitan area. In a maximum eclipse, weather permitting, area residents will be unable to see nearly 70% of the sun.

University of Michigan Astronomer Hazel M. Losh cautioned against looking directly at the eclipse.

"The eyes must be well protected," she said.

"LOOKING AT the sun for as short a period as 10 seconds can cause permanent eye damage," according to the Michigan Optometric Association. The association suggested using a pinhole camera. Another method is to use two thicknesses of fully exposed (blackened) film negative as a filter.

First Federal Records High

First Federal Savings of Detroit, recorded new year-end highs in mortgage lending, total assets, deposits, interest paid to savers and reserves and surplus, in 1967.

First Federal reported total mortgage lending of \$139,505,000 in 1967 compared to \$101,315,000 for 1966, an increase of 38%. Loans outstanding at year end totaled \$683,305,000 compared to \$609,573,000 at the end of 1966.

A pinhole camera is made by punching a clean hole in the end of a shoebox with a pin or needle. Cover the opposite inside end with white paper.

"Then point the pinhole toward the sun so that the rays move through the pinhole and project a clearly defined image of the eclipse on the white paper."

A MORE sophisticated method is the sunscope. Dr. Donald H. Lakin of the association said. Instructions are given below.

"Children's eyes are more easily damaged by the sun's rays than adult eyes," Dr. Lakin stated. Parents can enjoy using a pinhole camera. Another method is to use two thicknesses of fully exposed (blackened) film negative as a filter.

Do not, under any circumstances, look directly at the sun through binoculars, opera glasses, telescopes, smoked glasses, a pinhole in a card or even sunglasses. Dr. Lakin warned older children to be sure that they are not looking at the sun's rays.

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The Handyman

Q. How can I clean blackened brass bookends?

A. There are many good brass cleaners on the market. If the brass is badly oxidized, however, you might try rubbing it with a piece of lemon dipped in salt, or boiling it in water to which salt and vinegar have been added. Rinse and dry.

An effective but hazardous treatment is a solution of two parts nitric acid, the parts dilute sulphuric acid, and a pinch of salt. A drugist can make this up for you, but it must be applied carefully with a brush or pad, and rinsed quickly. Use rubber gloves and be very careful to keep the solution off skin, clothing and everything else. It is a lot safer to take the bookends to a jewelry repair firm or a plating shop.

Q. How can I remove moss from my asphalt shingles?

A. You can kill the moss with a fungicide or a solution of ammonium sulphate, both of which you can obtain at garden supply stores. You will have to scrape the dead moss off, however, and it will grow back unless kept under control with additional chemical treatment.

Q. Do you know how to finish brass or copper pieces so they won't need polishing?

A. That's easy. After you have cleaned and polished the piece, and dried it thoroughly with no finger-marks, give it a coating of clear lacquer from an aerosol spray can. If it's an object that must be inside and out, like a bowl, spray the inside first, let it dry (this usually takes only a few minutes), then turn it over and spray the outside. Keep the spray can at least 9 inches away, and don't make the common mistake of putting on too much. Just a thin film will do.

Q. How can I clean wax from my plastic and nylon pool isher brushes?

A. Wash the brushes first in mineral spirits, then in detergent and water.

Q. I would like to use hard lumber to finish the walls in our games room. Is there a homemade or commercial finish that can be applied to the walls to seal the surface, one that doesn't change the weather-beaten effect?

A. Any finish you put on will change the appearance of the wood to some extent. No finish is needed.

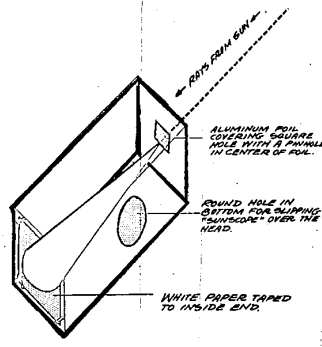
in the newspapers or on television and thus save our vision.

NORTHLAND SHOPPING CENTER will offer a more scientific viewpoint. Visitors will be able to view the eclipse through a telescope fashioned by experienced amateur astronomer and professional engineer Samuel Seabright of Southfield.

Seabright designed and built the eight-foot telescope. Its supporting tripod and viewing screen, which he will set up on the terrace in front of Hudson at noon Saturday.

Also, Cranbrook Institute of Science in Bloomfield Hills will open its observatory to the public free of charge Saturday to view the eclipse.

Both Seabright and Cranbrook astronomers plan to present explanatory materials.



HERE'S HOW TO make a pinhole camera for safe viewing of Saturday's solar eclipse.

Southfield Federal's Opens

Federal Department Stores is opening a new outlet at 2970 Southfield Road, just north of 12 Mile in Southfield.

Announcement of the Thursday opening of the new 107,000-square-foot store was made by J. Burke Gelling, chairman of the board of Federal's.

Gelling was unable to give Observer Newspapers a price tag for the entire project.

THE CITY OF Southfield, however, was able to report that a building permit was issued for the store and automotive department for \$1,455,600.

This is apparently only the construction cost and doesn't cover land value, many pieces of equipment and the value of the inventory.

Gelling noted that the facility is part of a large-scale building program of the major

retail operation which has 89 stores in 21 eastern and mid-western cities.

According to Gelling, the new Southfield store reflects the increased emphasis Federal's is putting on fashion.

Special decor is emphasized in each specialty area.

"A 'Patio Buffet' will cater to shoppers appetites for a snack to a complete meal. There will be a beauty salon and an auto center."

MANAGER OF The Southfield store is Joseph Feak, formerly manager at the company's Taylor store. Associate manager is Barry Blakely, formerly associate manager at the Schaefer store.

They noted that well-protected and light-weight parking areas and five entrances are additional customer conveniences.

Green Thumb Columnist Writes Another Book

George (Doc) Abraham, whose Green Thumb garden column appears in the Observer Newspapers and 130 other newspapers, has just written another garden book.

His latest title, "The Green Thumb Book on Fruits and Vegetables" contains 355 pages and is published by Prentice-Hall, Inc. One of the most widely followed horticulturists in America, Doc and his wife, Katy, spent five years researching the book which deals with all phases of fruit and vegetable growing.

"We wrote this book because in our own country, 10 million Americans go to bed hungry each night. With inflation nibbling heavily into the food dollar, we felt that Americans are going back to 'backyard' farming. They're fed up with purchasing produce with high price tags."

Home canning and freezing are 'back in style' and Doc's book is geared to helping gardeners grow more and better food.

EVEN IN THIS schizoid age, gardening is America's biggest adult hobby, with 81 million hobbyists working in 45 million gardens. Doctors prescribe gardening to shake off frustrations and tensions, and Abraham believes that when you work in the soil, aspirin

and tranquilizers are replaced by hard yet enjoyable work.

Doc's first book, "The Green Thumb Garden Handbook" also published by Prentice-Hall has been the gardener's bible for eight years, and has gone into its seventh printing. Last year, his "Green Thumb Book of Indoor Gardening" was also a Garden Guild Book Club Selection.

"Gardeners can earn \$4 an hour growing their own fruits and vegetables," The Green Thumb says. "Just think - by working in your garden only 2 hours, you can earn and save enough to buy a copy of the book on fruits and vegetables." he adds.

DOC AND HIS wife, Katy, are no ivory tower gardeners. They have been commercial florists for nearly a quarter of a century, and during that time The Green Thumb newspaper column has appeared regularly for the benefit of 6 million home owners and gardeners. Last year, Doc was voted America's foremost garden writer by the American Assn' of Nurserymen, in Miami, the third such honor to come to him.

The Abrahams have conducted their Green Thumb radio program for 20 consecutive years over radio station WHAM, Rochester, N. Y. and has appeared on NBC and

fine arts, and a daughter who's an editor of a magazine. CBS television. They have a boy, Darryl, who's studying

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