Alternatives to Apollo 8 given by NASA speaker

by Martha Ojard

"There were three alternatives for the Apollo 8 flight," said Mr. Bob D. Helgeson of NASA, in speaking to assembled students of varying ages at OMSI on February 19.

"We could have put the bird into an elliptical earth orbit, or we could have executed a lunar fly-by," or we could have flown a lunar mission, which we did do."

Mr. Helgeson continued to comment that the third alternative had the greatest amount of "risk attached to it, but it had the biggest payoff in the United States' advancement program."

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719 S.W. Salmon 224-8542 After speaking, Mr. Helgeson showed a "debriefing film" which was a summation of all the pictures Astronauts Borman, Anders, and Lovell took while orbiting the moon.

At the conclusion of the film, Mr. Helgeson elaborated a little on "where we go from here."

"Apollo 9 will be launched on February 28 (today)," he explained. "This will be the first test of the Lunar Excursion Module, the LEM, and will be an Earth orbit," he said.

"Apollo 10 will be a further testing of the LEM, and this time it will be tested in lunar orbit, without an actual lunar landing. At the moment this is scheduled for April.

"Apollo 11 will witness the first LEM lunar landing, and at the moment is scheduled for anywhere from July to September—depending on the success of Apollos 9 and 10. After Apollo 11, additional lunar landings are planned," he continued.

Mr. Helgeson went on to say that the United States eventually plans to have an earth-orbit space station, and also mentioned the possibility of manned exploration of Mars in the early 1980's. "Mars exploration would require the nuclear rocket," he concluded.



SEVERAL EXAMPLES of "batiking," an interesting art technique used by Miss Wilma Crabtree's students, are seen on display in the library. The method involves coating the picture with wax, and later removing it.

'Batiking' experimented with by general art class students

Have you ever wondered where that strange smell on second floor is coming from? Well, just walk into Wilma Crabtree's general art classes and you will find a very interesting type of art called batiking.

Batiking is done with wax and dye painted onto a cloth. First the artist must compose a design or picture on a piece of paper and then transfer the drawing on cloth with charcoal. Any white spaces are painted with wax (the wax must be kept at 250 degrees).

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Then, starting with the lightest colors first, the colors are added to make the picture. Mrs. Crabtree stated that the colors looked better if, after the colors are on the cloth, the entire picture is coated with a layer of wax. After the picture is completed, the project is put between two pieces of cloth to get the wax out.

Ann Laponis is making a design which signifies the death of a person with a sword. After the sword kills the person, the sword breaks. Her design is made with yellow, tangerine, red, brown, and orange.

Jim Roads is now working on his second batiking. His first was a series of 20 different designs in five rows of four. They were made up of black, red and yellow. His second batiking is a turtle in a pond which is yellow, green, and blue.

Gary Evans is doing a batiking of "paraphernalia on a table." It will be green, orange, purple, yellow, tangerine, black, and brown. "I enjoy working with wax because it's so close to life," he commented.

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Electric projects made by students for personal use

Amplifiers, radios, switchboards, and power supplies are some of the projects that are being constructed by the electronics students.

Phil Westover is building communication equipment. "I am making them for my own personal use and I am an amateur radio operator, so I am going to use these to my benefit," Phil commented.

Mark Haffey has made a transistor radio, power supply and is now making a switchboard. "I made the power supply and radio for a project and the switchboard for my own personal use," he commented.

Mel Moss, who is making an amplifier, stated, "We are supposed to construct these projects and then write up step-to-step instructions so that beginners in electronics will be able to use them."

The electronics class is trying out a new project where they let the students prepare and give tests and quizes. "I think that this way of testing is going to be interesting but rough. We are still planning more tests of this sort," commented Phil Westover.

Props, back drops made for plays by stage craft crew

Who constructs the props and the back drops that are used in plays, assemblies, or concerts? Who runs the lights and who keeps the auditorium in such good condition? Well, it just doesn't get that way by itself. With the help of seven boys who work on the stage craft crew, these tasks are completed.

The boys work first and second periods, one of which is their study hall. Senior Bruce Brown, and juniors Clark Courtney, Dean Gradzinski, Bill James, Henry Phillips, David Allred, and Leonard Pilger make up the stage craft crew, under the supervision of Lloyd Carothers

Every prop and drop that is used in the auditorium is constructed by the stage craft members. They even construct light trees which give different lighting effects to the assemblies.

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Mike is a member of Spring Rally. He is a National Honor Society Commissioner. He is president of the orchestra and president of Campus Life. He participates in Cross Country and Track.

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