

National Science Fair Under Way

Flint, Mich. — The annual National Science Fair opened here today with 281 of the nation's top young scientists busily whipping their exhibits from hamsters to musical electronic computers—into shape for the final competitions.

The standout high school students were chosen in local competition from 150 cities in the U. S., Honolulu, Alaska, West Germany and Japan. The exhibits they set up this morning in Ballenger Field House of Flint Junior college will be judged by 90 scientists and will receive awards at a banquet Friday night.

WEARING small bandage on left ear lobe, Gary Cooper meets newsmen in New York after leaving hospital where he underwent minor surgery on face. (International)

RADIO PROGRAMS — WEDNESDAY

Programs listed below are received from the radio stations and the Mail Tribune assumes no responsibility except to make changes as are supplied.

KYJC 1230 kc	KMED 1440 kc	KWIN 1490 kc
4:00—Ed Murrow**	News	Fulton Lewis Jr.
4:15—Music-News**	Robbie Robbins	Hemingway News
4:30—Harrison**	Robbie Robbins	News One for Road
4:45—Goss**	Robbie Robbins	One for Road
5:00—Traffic Jam	News	News One for Road
5:15—Thomas**	Robbie Robbins	News One for Road
5:30—Tues-A. & Andy*	Robbie Robbins	News One for Road
5:45—Amos & Andy**	Orval Anderson*	News One for Road
6:00—Brown-Dupus**	NBC News Music	World News Roundup
6:15—Brown-Dupus**	Hi Fi Hour	Candlelight and Wine
6:30—Brown-Dupus**	Hi Fi Hour	Candlelight and Wine
6:45—Brown-Dupus**	Hi Fi Hour	Candlelight and Wine
7:00—Brown-Dupus**	News	KWIN Karavan
7:15—Brown-Dupus**	News of the World	News Karavan
7:30—World Tonight**	One Man's Family*	KWIN Karavan
8:00—Portland-Spokeane	NBC News	Cramer Comet Capers
8:15—Portland-Spokeane	Nightline	News Comet Capers
8:30—Portland-Spokeane	Night Line	News Comet Capers
8:45—Portland-Spokeane	Nightline	News Comet Capers
9:00—Portland-Spokeane	NBC News	News Comet Capers
9:15—Portland-Spokeane	Nightline	News Comet Capers
9:30—Portland-Spokeane	Nightline	News Comet Capers
9:45—Portland-Spokeane	Nightline	News Comet Capers
10:00—Portland-Spokeane	News	Sign Off
10:15—Richfield Reporter**	Nightline	
10:30—Eisenhower spch**	Nightline	
10:45—Eisenhower spch**	Nightline	
11:00—Sign Off	News	
11:15—Sign Off	Nightline	
11:30—	Sign Off	

RADIO PROGRAMS — THURSDAY

6:00—News Roundup**	Wake Up to Music	Chuckwagon
6:15—Frank Goss**	Wake Up to Music	Chuckwagon
6:30—Harry Babbitt	Wake Up to Music	Chuckwagon
6:45—Variety**	Wake Up to Music	Chuckwagon
7:00—Sports	Weather News	Chuckwagon
7:15—Howard Miller**	Weather News	Chuckwagon
7:30—Sports	Weather News	Chuckwagon
7:45—Howard Miller**	Weather News	Chuckwagon
8:00—McCoy-Weather	NBC News	Cliff Ingle News
8:15—Breakfast Club*	News	Koffee Klatch
8:30—Breakfast Club*	News	Koffee Klatch
8:45—Breakfast Club*	News	Koffee Klatch
9:00—Lost Pets	NBC News	News Lively Time
9:15—Coffee Concert	News	News Lively Time
9:30—Name-Neighbor	News	News Lively Time
9:45—Music Box	News	News Lively Time
10:00—Music Box	News	News Lively Time
10:15—Mrs. Burton**	News	News Lively Time
10:30—Couple Next Door**	Standard School	News Lively Time
10:45—Pat Buttram**	Standard School	News Lively Time
11:00—Record Rock	NBC Bandstand	Woman's World
11:15—Trading Post	NBC Bandstand	Woman's World
11:30—Houseparty**	NBC Bandstand	Queen for a Day*
11:45—Houseparty**	NBC Bandstand	Queen for a Day*
12:00—Paul Harvey**	News	News
12:15—News-Weather	Weather Markets	News
12:30—Record Rock	Local News Sports	News
12:45—Record Rock	Local News Sports	News
1:00—Backstage Wife**	News	News
1:15—Trent**	KMED House Party	News
1:30—Godfrey**	KMED House Party	News
1:45—Godfrey**	KMED House Party	News
2:00—Godfrey**	KMED House Party	News
2:15—Godfrey**	KMED House Party	News
2:30—Godfrey**	KMED House Party	News
2:45—Godfrey**	KMED House Party	News
3:00—Godfrey**	KMED House Party	News
3:15—Godfrey**	KMED House Party	News
3:30—Godfrey**	KMED House Party	News
3:45—Godfrey**	KMED House Party	News
4:00—Ed Murrow**	News	News
4:15—Music Rack	Robbie Robbins	News
4:30—Tom Harmon**	Robbie Robbins	News
4:45—Goss**	Robbie Robbins	News
5:00—Traffic Jam	News	News
5:15—Thomas**	Robbie Robbins	News
5:30—Tues-A. & Andy*	Robbie Robbins	News
5:45—Amos & Andy**	Orval Anderson*	News
6:00—News-Sports**	NBC News	World News Roundup
6:15—Eventide	Hi-Fi Hour	Candlelight and Wine
6:30—Lewis**	Hi-Fi Hour	Candlelight and Wine
6:45—Lewis**	Hi-Fi Hour	Candlelight and Wine
7:00—Herman**	News	KWIN Karavan
7:15—Morgan**	News	KWIN Karavan
7:30—World Tonight**	News of the World	News Karavan
7:45—World-Seavard**	One Man's Family*	KWIN Karavan
8:00—Portland-Giants	NBC News	News Ash Platter
8:15—Portland-Giants	Nightline	News Ash Platter
8:30—Portland-Giants	Nightline	News Ash Platter
8:45—Portland-Giants	Nightline	News Ash Platter
9:00—Portland-Giants	NBC News	News Green Room
9:15—Portland-Giants	Nightline	News Green Room
9:30—Portland-Giants	Nightline	News Green Room
9:45—Portland-Giants	Nightline	News Green Room
10:00—Portland-Giants	News	Sign Off
10:15—Richfield Reporter**	Nightline	
10:30—Turnabout Terrace	Nightline	
10:45—Terrace-News	Nightline	
11:00—Sign Off	News	
11:15—Sign Off	Nightline	
11:30—	Sign Off	

WEDNESDAY	KBOY-730 KC
4:00—Request Time	8:00—Chuck Fields
4:15—Just Plain Junior	10:00—Bargain Roundup
4:30—Sign Off	11:00—Uncle Rick
THURSDAY	12:15—Farm Market
5:30—Sign On Music for Birds	12:30—Stock Market Closing
5:45—Weather on hour, news on	1:00—Bargain Roundup
half hour, all day.	4:00—Request Time
7:15—Farm News	5:00—Just Plain Junior
	7:30—Sign Off

TELEVISION PROGRAMS

The following TV broadcast log is printed as a free public service for the Mail Tribune's readers and TV viewers. Schedule changes are printed as previously by the TV stations and the Mail Tribune cannot accept responsibility for errors or omissions.

KBS-TV (Channel 5)	KOTI-TV (Channel 2)
WEDNESDAY	WEDNESDAY
3:00—Feminine Fancies	5:00—Weather
3:15—Search for Tomorrow	5:15—News
3:30—Uncle Bill's Cartoons	5:30—Sports Club
3:45—Devotions	5:45—Tim McCoy
4:00—Woody Woodpecker	6:00—TV Question Box
4:15—TV Weatherman	6:15—Big Record
4:30—News	6:30—I've Got a Secret
4:45—Sports Club	6:45—U.S. Steel Hour
5:00—Tim McCoy	7:00—Millionaire
5:15—Civil Defense	7:15—Richard Diamond
5:30—Big Record	7:30—Mickey Spillane
5:45—The Millionaire	7:45—Chicago Wrestling
6:00—I've Got a Secret	8:00—U.S. Steel Hour
6:15—Big Story	8:15—Richard Diamond
6:30—Richard Diamond	8:30—Mickey Spillane
6:45—Mickey Spillane	8:45—Chicago Wrestling
7:00—News	9:00—Sign Off
7:15—Chicago Wrestling	
7:30—Sign Off	
THURSDAY	THURSDAY
11:00—Walter Cronkite	11:00—Walter Cronkite
11:15—Garry Moore	11:15—Search for Tomorrow
11:30—As the World Turns	11:30—As the World Turns
12:00—Beat the Clock	12:00—Beat the Clock
12:30—House Party	12:30—House Party
1:00—Big Payoff	1:00—Big Payoff
1:30—Verdict Is Yours	1:30—Verdict Is Yours
2:00—Brighter Day	2:00—Brighter Day
2:15—Secret Storms	2:15—Secret Storms
2:30—Edge of Night	2:30—Edge of Night
2:45—Search for Tomorrow	2:45—Search for Tomorrow
3:00—Uncle Bill's Cartoons	3:00—Uncle Bill's Cartoons
3:15—Devotions	3:15—Devotions
3:30—Rin Tin Tin	3:30—Rin Tin Tin
3:45—TV Weatherman	3:45—TV Weatherman
4:00—News	4:00—News
4:15—Doug Edwards	4:15—Doug Edwards
4:30—Ore-Cal Panorama	4:30—Ore-Cal Panorama
4:45—Political—Durno	4:45—Political—Durno
5:00—Political—James Main	5:00—Political—James Main
5:15—Pappy Coleman	5:15—Pappy Coleman
5:30—Whirlbirds	5:30—Whirlbirds
5:45—Climax	5:45—Climax
6:00—Sheriff of Cochise	6:00—Sheriff of Cochise
6:15—Playhouse	6:15—Playhouse
6:30—Men of Annapolis	6:30—Men of Annapolis
6:45—Industry on Parade	6:45—Industry on Parade
7:00—Video Scope	7:00—Video Scope
7:15—News	7:15—News
7:30—This Is Your Life	7:30—This Is Your Life
7:45—Sign Off	7:45—Sign Off

About 52 per cent of all automobile usage is related to making a living.

STAR GAZER

By CLAY R. POLLAN

Your Daily Activity Guide

According to the Stars.

To develop message for Thursday, read words corresponding to numbers of your Zodiac birth sign.

ARIES MAR. 21-31	1 Don't	31 Good	61 News
Taurus APR. 21-30	2 Good	32 Yourself	62 Wish
16-21-31-34	3 Be	33 Secrets	63 And
34-38-50	4 Day	34 Comes	64 Future
14-24-51-57	5 There	35 You	65 Situation
72-76-78	6 Discouraged	36 Free	66 Problems
GEMINI MAY 21-31	7 Are	37 Hear	67 To
JUNE 21-30	8 There	38 Some	68 Benefit
9-10-56-59	9 Analyze	39 No	69 Hide
60-64-71	10 You	40 Work	70 You
CANCER JULY 21-31	11 May	41 You	71 Plans
AUG. 21-30	12 Don't	42 Time	72 Any
13-18-24-31	13 Some	43 Interests	73 For
32-37-44	14 Try	44 Hear	74 Doubts
45-50-51-54	15 You	45 To	75 Hesitation
JULY 21-31	16 Plans	46 Good	76 New
AUG. 21-30	17 If	47 From	77 Letters
32-37-44	18 Are	48 Good	78 Things
45-50-51-54	19 Shubham	49 Shubham	79 To
55-60-61-64	20 Don't	50 The	80 Straight
65-70-71-74	21 Real	51 To	81 Don't
LEO JULY 21-31	22 Dislike	52 Thot	82 Adjust
AUG. 21-30	23 Disclose	53 Writing	83 Of
32-37-44	24 Not	54 Before	84 Like
45-50-51-54	25 If	55 Materialize	85 Material
55-60-61-64	26 May	56 Out	86 Out
65-70-71-74	27 Keep	57 The	88 Others
VIRGO AUG. 21-31	28 Details	58 Actions	89 Spiritually
32-37-44	29 Be	59 Make	90 Closes
45-50-51-54	30 Be	60 Make	91 Sift
55-60-61-64			92 Neutral

Good Adverse Neutral

The Medical Roundup

by Walter Alvarez

Emeritus Consultant in Medicine, Mayo Clinic
Emeritus Professor of Medicine, Mayo Foundation

Gout

I recently read an article on gout by Dr. John H. Talbot, of Buffalo, an authority on the subject. As he says, gouty arthritis is often not recognized for what it is, and this is sad because in many cases an utterly miserable person who is in great pain and completely disabled, if properly treated, could be made comfortable and sent back to work within a few days. As Dr. Talbot says, if a man were to be given any choice as to the type of arthritis he was to get, he might do well to choose gout, because acute attacks of that can be aborted, and often the disease can be held in check.

One must always think of gout when, rather suddenly, one joint of a man's body becomes sore and perhaps red and very painful. Women practically never have gout. As we all know, the commonest joint to be involved is at the base of the big toe. Any man who wakes at 2 in the morning groaning with pain in a red, swollen, and feverish big toe joint has gout. Often, then, if the doctor will examine the man's ears he will find a few little lumps which contain crystals of uric acid. He may learn that there are other men in the family who have had gout, and if he will send the patient and his close relatives to a laboratory, many of them will be found to have a uric acid titer of more than 6 mgs. In case of doubt as to the nature of an arthritis, the doctor can give colchicine, and if this promptly relieves the pain, the chances are it is due to gout.

Today, there are a few other drugs that are very helpful, such as phenylbutazone, Benemid, ACTH, and prednisone. Many gouty men keep free from attacks by taking some colchicine every day. Benemid can be helpful because it enables the man's body to get rid of uric acid. Because gout is a hereditary defect in body chemistry, the tendency to it must remain throughout life.

Many physicians prescribe a diet which is low in foods such as liver, sweetbreads, and kidneys—foods which contain considerable amounts of chemicals from which uric acid can be made by the body.

Value of Vaccination

The other day I was talking to a man who is violently opposed to any type of vaccination. He doesn't believe in it, and he is willing to spend money trying to put a stop to it. It is hard to believe that an educated man could be so ignorant of the fact that several types of vaccination have saved millions and millions of lives, and are still needed to keep us all safe.

I knew it wouldn't influence the man, but I reached into my files and pulled out a record of what happened during World War II in the way of saving our soldiers from just one horrible disease—tetanus, or lockjaw. We know from the experiences of World War I, that if our soldiers had not been thoroughly protected from this terrible and usually fatal disease, hundreds of thousands would have died of it. The soil in the farms of Europe is heavily manured, and manure is full of the spores of lockjaw.

Actually, during World War II, although there were 2,700,000 admissions for wounds and injuries among the U. S. Army personnel, only 12 cases of tetanus were reported. When a young person be-

comes mildly yellow (jaundiced) he or she may well have an acute hepatitis (inflammation of the liver) caught from someone. Sometimes it is epidemic in the town. If several weeks before the jaundice came the person had a transfusion or an injection of some blood plasma, he may well have another type of hepatitis, one more likely to be severe. In rare cases it leaves a cirrhosis or extensive destruction of the liver.

A stout woman of 45 who, for years, has been having attacks of colicky pain in her upper abdomen, when she gets yellow, probably has a stone obstructing her common bile duct, which carries the bile from the liver to the bowel. She needs an operation. An elderly man who suddenly gets a rapidly deepening jaundice, without much pain, may well have a cancer in his liver or in the head of his pancreas (the large digestive gland back of the stomach). A cancer of the head of the pancreas often obstructs the common duct.

During a recent visit to a hospital, I was impressed to see how much of the work is now being done by nursing aides; and this is good, because hospitals are so short of trained nurses. Actually, there is a great deal of the work, like making beds, giving patients a sponge bath, taking in and taking out trays, etc., that any sensible young woman can do after a little training. Women who are interested ought to get this fine book Handbook for Nursing Aides in Hospitals—with 180 illustrations (American Hospital Association, 18 E. Division st., Chicago 10, Ill.).

Dr. Alvarez hopes his readers will understand that it would be impossible for him to answer requests for information or to attempt to diagnose by mail.

(Released by The Register and Tribune Syndicate, 1958)

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Private Investment Stressed by Nixon

La Paz, Bolivia.—Vice President Richard M. Nixon is making it clear that Latin American countries must rely more on private investment than on U. S. government handouts.

Nixon began the second half of his 18-day tour of Latin America today trying to do a real selling job on the advantages of capitalism over Communism.

He told newsmen Tuesday night he was convinced the United States must get its story to the people rather than just the governments.

"There must be a constant day-by-day effort in which the truth and facts are laid before the people because the other side of the story is being laid before them very effectively," he said.

The first charter to operate a telephone company in Michigan was granted in October, 1879, to the Ontonagon Telephone Co. It consisted of wires strung among four farm homes in Ontonagon.

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Strange As It Seems

By ELSIE WIX

IT TOOK 20 WOMEN AND 7 YEARS TO MAKE THE BEDDING USED BY KING LUDWIG II, OF BAVARIA!

THE DAY AFTER SAN FRANCISCO'S 1906 EARTHQUAKE, AN ARTISAN WELLS, NEAR SAN LORENZO, CALIF., SUCCESSFULLY GROUTED SALT WATER, OIL-CONTAINING WATER, RINK-COLORED WATER, AND FINALLY CLEAR DRINKING WATER.

WHO MARRIED A RICH WIDOW, RECOVERED 500,000 DOLLARS IN GUNKEN TREASURE, WAS KNIGHTED BY JAMES II AND MADE FIRST ROYAL GOVERNOR OF MASSACHUSETTS—WAS A NEW ENGLAND SHIPS CARPENTER! (1651-1751)

CROSSWORD PUZZLE

Answer to Yesterday's Puzzle

ACROSS

- Part of face
- Amid
- Blind
- Wing
- Knocked
- Female sheep
- Army meals
- Knocked
- The ones here
- Insect
- Shade tree
- Bird's home
- Jewish festival
- Cut off
- Observe
- Symbol for lamb
- Man's nickname
- Spit out

DOWN

- Preserve
- Beverage
- Squandered

4—Toward the sheltered side
5—Billiard shot
6—River in Siberia
7—Negative
8—Snatch
9—Indian tents
10—Be in debt
11—Marry
12—Fragrant
13—Writing
14—Implement
15—Cloth measure
16—Shower flower
17—Halt
18—Moose skin
19—Trades for money
20—Flare
21—Halt
22—Hard-shelled fruit
23—Shine
24—Packed away
25—Obtained
26—Endure
27—Organ of hearing
28—Charge the account of
29—Less
30—Girl's name
31—Decay
32—Vase
33—Female deer
34—mistaken
35—Period of time
36—Note of scale

STEVE CANYON

BUZ SAWYER

BARNEY GOOGLE and SNUFFY SMITH

BLONDIE

MUTT and JEFF

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