

## Too Many Students Leave School Early

 personnel more acute than
echnological age advancing NEW COST CUTTERthat America is not getting the builds fighter-bomber plat most from its youthful popula- $\begin{aligned} & \text { for the military has saved } \\ & \text { tually millions of dollars }\end{aligned}$ Not only does it pose a cost-cutting methods a of utilizing our available man- niques, improved purchasing power; it has become a danger-
ous social situation, according
mathods, value engineering
and control of overhead and to some of our leading govern- labor savings.
A major problem apparently $\begin{gathered}\text { This same firm now com } \\ \text { up with a new } \$ 180,000\end{gathered}$ is the large number of stu- ical milling facility to produc before they receive their edu- al igminum parts for the F-10s cation. Statistics now point to D all-weather fighter-bombe the fact that about 2.5 million Spokesmen for Republic Aviaow enrolled in public and tion corp., the bullder, say the now enroled in pubice
private schools beneath
the new facility will help in its college level quit school before iy a million dollars from the graduation. And laws in many cost of each aircraft from the
states permit them to leave fiscal year 1959 through 1962. states permit them to leave
school before the age of 16 . $\begin{gathered}\text { fiscal year } 1959 \text { through } 1962 \\ \text { Chemical milling is a pro- }\end{gathered}$ ALTHOUGH the number a part in any size, shape, or rop-outs is not rising per. form desired by a controlled ceptibly, the advent of automa- per- lation not only is expected to tion and space age is lifting save the company some $\$ 125$, Job requirements, making it 000 a year, but it will play an people to earn a living. Emphasis now among some $\left\lvert\, \begin{aligned} & \text { on-site capability for futur } \\ & \text { production of advanced }\end{aligned}\right.$ educators is placed on keeping teen-agers in school until high school graduation and in bol-
stering instruction in sciences stering instruction in sciences,
languages and vocational training for those obviously not destined for college.

## SCHOOL VANDALISM -

Electronic wizardry is being
used to an used to an increasing extent to vandalism in our nation's schools. John E. Haines, Minn-eapoils-Honeywell vice presi-
dent, says cials a are turning to electronic security systems to protect
buildings buildings during non-class
hours. buildings during non-class
hours.
An indication of the staggering losses being inflicted by $\begin{aligned} & \text { breper } \\ & \text { intruders is the as a refrigerator } \\ & \text { keeping water at }\end{aligned}$ intruders is the fact that van-
dalism costs nearly $\$ 400,000$ a A disposable pill cup for year in Chicago schools and in in expensive. It has either a sna Baltimore more than $\$ 80,000$ is
spent annually just to replace pull tab paper lid, or one spent annually just to replace
broken glass. $\begin{aligned} & \text { with an extension card for } \\ & \text { noting the patient's name and }\end{aligned}$ Haines, whose firm is a leadIng manufacturer of electronic among the more sophosticated FARM OUTLOOK-Farm devices now being used to de- next year following this year's
tect intruders are electronic sharp increase farm special fences and noise and sound de- $i$ ist forecast last weeg at tectors. One type of electronic meeting in Washington. Pre-
fence is Honeywell's recently
dictions are that net ence is Honeywell's recently
introduced taut wire system $\begin{aligned} & \text { dictions are that net } \\ & \text { will be close to this year' }\end{aligned}$ hat can be run around a $\$ 12.7$ billion, and 1961 figures school, a room or an object. It may show a $\$ 1$ billion rise
automatically turns in an from last year. Farm costs are alarm when anyone touches or expected to continue the up

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THE FIRM'S electronic noise tion or higher price support,
detection system consists of a Reduced overall marketing,
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phone-speaker units located in the gain
ey places throughout the
chool. When it "hears" some- "The list on the 10 greatest
hing unusual $-a$ window
reaking, footsteps, drills engineers of all the deans of America
$\begin{array}{ll}\text { it automatically turns in an } & \text { colleges of engineering sip } \\ \text { alarm at a control panel in the } \\ \text { custodian's office. He then } & \begin{array}{l}\text { nally fails to include Case } \\ \text { Jones." - John W. Richards }\end{array}\end{array}$

THINGS TO COME-A new table-side electric food warm-
ing tray with an antique bras plated steel base and scratch
resistant resistant, brush-finished alum-
inum heating surface, may be plugged into any outlet. Un-
breakable, it beats ata A handle-like device that
attaches to a bow dom means of vacuum a bing ball by to correct delivery faults, im
prove timing and to make and footwork, to make it possible to de straight, curve or back-
balls with conside er that fits automatic water

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