



**MOST POWERFUL REACTOR**

CHALK RIVER, Ont.—This is search operation. The \$57,000,000 instrument is housed in a store building at this atomic energy station. CP Wirephoto

**EDUCATIONAL HORIZONS**

**Education Is The Road To The Good Life For Future**

Our again Educational Horizons has begun a bi-monthly series of articles on education. The articles published in the column given in the Prince Edward Island Teachers' Federation through the generosity of this paper should help shape the thinking of our people along educational lines. During the past year much was said and written about education. Is there anything more to be said or written? Yes, indeed, there is for our province is no more through with such problems than in any other place in world and when we cease to talk about education and how to improve it we shall cease being alive to one of the greatest means where by the good life of the citizens of our island can be achieved. Talking and writing about education is not good enough, how and to get any sort of firm foundation under our educational system we must have more money. As the brief presented to the Select Standing Committee on Education Island schools are being filled with children put it. "There is no such thing as free education, someone else has to pay."

Secondly, to further strengthen our foundation we must have well educated and well trained teachers. A teacher today cannot have too much education. The ladder of successful teaching has many rungs and the first step should be taken by those with the Federation of Education on the Island, but it seems that we are going along in the same old way.

**FOUNDATION**

A man who has a building that is falling down does not drive a nail here and there to keep it standing, instead he gets at the root of the trouble, the foundation. In much the same way we must see to it that the foundation of education is sound. Nothing less. From there on the ladder may be climbed step by step. Today's teacher must know the subject matter, must know how to impart that knowledge and must know why he is doing so.

Well, then, if we agree that to do so teachers need to be well educated and have a long period of training, is it logical to suppose that they are going to fit themselves for a life's work that on an average pays less than \$40 a week? Compare this with sal-

aries paid in other jobs and professions, jobs with less responsibility and more glamour. Is it any wonder that our Teacher Training Department at Prince of Wales College is not filling up with our brightest students? Instead they are being funnelled into positions in industry and business where the pay is attractive.

**START TIME**

Fortunately some of the bright ones decide to be teachers, but often after they have taught a year or two they give a forward look at the chance of ever getting a living wage, get discouraged, and leave the profession. And so the teaching profession finds itself in the unfortunate position today where many of our best teachers are being lured away with teachers who, because of circumstances, cannot give teaching their divided attention; those who find in teaching a way to add extra money to another income; and poor teachers who are being put up with because there is no one to replace them. The children, of course are the ones who are being cheated. In many of our districts the type of education the children get is not good enough.

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**Inevitably Sputnik 1 Will Be Pulled Back To Earth**

By ALTON L. BLAKESLEE  
NEW YORK (AP)—The death watch is starting for Sputnik I. Inevitably, the first satellite being pulled back toward earth to come home and die. The end might be only weeks away.

Born in a flashing, shrieking rocket fire, Sputnik I will perish like a flaming meteor in our skies air overhead.

Sputnik II, which lifted up the first living explorer of space—the shaggy dog Laika—must come to the same fiery death.

Just when Sputnik II does not appear to be in any danger of being predicted until its orbit is known precisely and its effects of air drag determined, it comes as close as 103 miles to earth—closer than Sputnik I—and hence rubs through some denser air each trip. Experts say this could mean it won't last longer, in total, than Sputnik I.

**MAY BE VISIBLE**

You may personally see the death throes of one or both satellites as they arch down, glowing red hot, then burning and falling.

tem in Prince Edward Island by the Prince Edward Island Teachers' Federation. Contributions are welcomed and should be sent to Estelle Brown, General Secretary, 98 Prince Street, Charlottetown.

mainly gains some speed from gravity pull the closer it comes to earth. In this respect, it is like any object dropped from a height. As its orbital path narrows in distance, Sputnik makes quicker and quicker round trips, until finally it moves into the thicker air of the earth and burns to death from friction making it incandescently hot.

The rocket may fall early in December, Dr. Whipple estimates. The ball-like Sputnik I will could last out until the end of the year.

**BURN TO DUST**

"Each will perish much like shooting stars. But they will be brighter, more easily visible than the average shooting star; shooting stars are little bits of stone, metal or cosmic debris that streak through the earth's atmosphere. Air friction heats them to incandescence, and they usually burn completely 'to dust' floating gently down to earth.

Sputnik's rocket could glow for five full minutes as it races through denser and denser air, Dr. Whipple says. This could give it a 1,500-mile trail of light across the sky.

Then it's expected to arch downward sharply, bursting into favor and destruction at a height of about 20 miles.

Sputnik itself will follow a similar outside course, but less brilliant than the bigger, heavier, cylinder-shaped rocket.

**PULLING TRAIL**

Melting, evaporating, falling apart, Sputnik will cringe, wither

**TO TELEVIEW QUEEN**

LONDON (Reuters)—Films of the Queen's Christmas Day broadcast—being televised this year for the first time—will be flown to Canada and Australia shortly after the telecast, the telecast, the BBC announced Friday. The Queen will make the broadcast from her home at Sandringham, in Norfolk, where the Royal Family spends the Christmas holidays.



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