

= School of Practical Science Notes =

A KISS FOR THEE, MY LOVE.

BY A STUDENT AT SCHOOL OF SCIENCE.

The old world holds in countless store, they say,
Transformed and dark, the sun's life-giving ray—
For every gleam of light, for every ray,
A kiss for thee, my love, a kiss for thee.

The old world throbs with mighty throbs, they say,
While moving onward in her pathless way—
For every throb that swells that Titan breast,
A kiss for thee, my love, a kiss for thee.

The world was many thousand ages old, they say,
Ere it was ever let to see the light of day—
For every age and year, for every hour,
A kiss for thee, my love, a kiss for thee.

LOVEY'S REPLY.

The old ideas are out of date, they say,
Vibration is the sun's life-giving ray—
But science is all nonsense, anyway;
A fig for it, my love, a fig for it.

The old world twirls a merry ring, they say,
While circling in its orbit, day by day—
A ring suggests no end of a good time—
A hint for thee, my love, a hint for thee.

The world is truly not so young, they say,
Think you the sun she kisses ever, nay,
Serene and queenly, to her Fate she's wed—
Bus'ness is biz, my boy, bus'ness is biz.

The new arrangement of dividing up the student body into two parties, one to go to the Princess and the other to the Grand Opera House, is a big step on the right road. A great deal of that clothes-rending crush, both at the entrance and up-stairs, especially in the latter place, is done away with. Last Saturday night one could view the performance in comparative comfort. This used not to be the case in former years, when those in the good seats had to hold up the crowd behind them all the evening.

Some time ago one of the students was required to represent on his draughting-board a sphere by means of shading. He did this so perfectly that it rolled off.

Whew! Wasn't it hot up there?

Poor Trinity!

It is a pity the wire was not stronger so that "Trinity" could have been more fully exhibited in the opera house before his subsequent cremation.

J—n E—t was very noisy. "I came to make — of myself and I'm going to make — of myself." And did he?

Miss Blanche Douglas looked very charming wearing the blue, white and yellow.

When the old clipper ships ploughed the Atlantic waterway from New York to Queenston, there was now and then a quick passage chronicled, but a week's variation one way or the other caused no uneasiness. To-day, however, the arrival of the great Atlantic liners is scheduled almost to the minute, and a delay of three or four hours is considered grave enough to receive general notice.

But this punctuality over a course of nearly three

thousand miles was not brought about except through long time and the perfection of machinery and the design of the ships themselves.

Now that five days is the average time of the trip of the 1897 flyers, it is interesting to note the leisureliness in which the old *Savannah* in 1819 paddled herself from this side to Cork. This pioneer took an even twenty-six days for her voyage.

If the ordinary voyager of to day were transported back to those times which called for a month in which to make the passage he would doubtless be tempted to essay swimming on his own account.

In 1841 the first big reduction in the time began when the *Acadia* crossed in less than ten days. Since then hours, not days have marked the diminution, until now in 1897 the record of the *Campania* comes very near to being an even five days.

However, when Knapp's Atlantic line of roller boats is completed we will be able to take a run over in two or three minutes.

The regular meeting of the Engineering Society was held on Wednesday, 27th. The president was in the chair. After the reading and adoption of the minutes of the previous meeting Mr. Duff spoke on "The Ontario Drainage Act." As Mr. Duff has been actively engaged in draining a large area in the County of Stormont during the summer, he made the subject intensely interesting.

After a brief review of the old drainage law and its numerous modifications, he spoke at length upon the act passed in 1894, which is in force at the present time. He showed that under this act there will be many splendid openings for engineers in the future, and he compared the work done in Ontario with that of the State of Massachusetts, showing the large number of men employed in such work in the latter case. Reference was also made to the growing agitation for better roads. Mr. Duff thinks that in this work also engineers will be in demand.

A part of the drainage work that falls to the lot of the engineer is the dividing of the expense of construction among those who have property in any way affected by the drain. Of course, if the parties interested are not satisfied they can appeal against his decision. Mr. Duff explained to what degree the owners of the surrounding high lands are thought to be assessable, even though they are not directly benefited by the ditch except that the water from their lands is carried away and not allowed to settle on the low lands. This showed what a large number of facts, such as annual rainfall, etc., the engineer has to look up in order to arrive at a fair division of the expense; and how necessary it is for him to have a knowledge of men and to be able to be guided by common sense.

At the close Mr. Duff answered a few questions.

Elections for the offices of first and fourth year representatives were begun. The result was that Mr. Stull was elected fourth year representative and Mr. Thorold as representative of the first year.

Great pleasure is felt at Dr. Ellis' rapid recovery from his bicycle accident.

On an Arizona ranch there is a salt-lick which holds placer gold in such a fine state of division that it is impossible to profitably separate it. Cattle and sheep are in the habit of pasturing there. In the stomach of one of the steers was found four ounces of gold and a smaller quantity in that of a sheep. This is the latest process of separation.