

comply with the foregoing, also some exercises based on the ellipse. Many others may be found by the teacher. At this stage the children may also be trained to judge the comparative dimensions of objects. Care must be taken that the pupils are required to estimate the sizes by means of the eye, any mechanical methods of testing coming afterwards. Suppose the example selected be a window, the lesson may be somewhat as follows: "Which is the greater, the height or width of the window?"

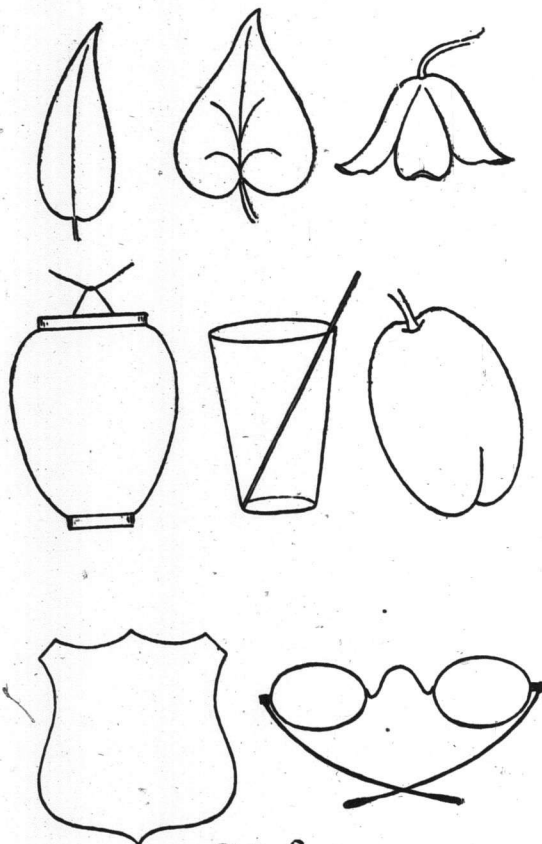


Plate 8.

"How much greater is the height than the width?" (Note that the answer required is not in feet and inches, but in comparative measurements—thus, "one and a half times the width.")

After obtaining approximately accurate replies, show how to verify with the pencil. Hold the pencil at arm's length, close one eye, and let the end of the pencil be held in a line with one side of the window. Keep this end steady and slide the thumb along the pencil, until it is in line with the other side of the window. The pencil must be held at right angles to the arm. Next hold the pencil upright, still keeping the thumb in position, and compare this distance with the height of the window. The pupils will readily see that this furnishes them

with a good means for testing the proportions of their drawings.

[Note the optical illusion in second line in Plate 7. The sides of the triangles appear bowed. This is caused by the series of parallel lines running in different directions.]

The Union Jack.

It is only a small bit of bunting
It is only an old colored rag,
Yet thousands have died for its honor,
And shed their best blood for the flag.
We raise it to show our devotion
To our King, to our country and laws;
As the outward and visible emblem
Of advancement and liberty's cause.

You may call it a small bit of bunting,
You may say it's an old colored rag;
But freedom has made it majestic,
And time has ennobled the flag.

It is charged with the cross of St. Andrew,
Which, of old, Scotland's heroes has led;
It carries the cross of St. Patrick,
For which Ireland's bravest have bled;
Joined with these is our own English ensign,
St. George's red cross in white field,
Around which, from King Richard to Wolseley,
Britons conquer or die, but ne'er yield.

You may call it a small bit of bunting,
You may say it's an old colored rag;
But freedom has made it majestic,
And time has ennobled the flag.

It flutters triumphant o'er ocean,
As free as the wind and the wave,
And the bondsman, from shackles unloosened,
'Neath its shadow no longer's a slave.
It floats over Malta and Cyprus,
Over Canada, India, Hong Kong;
And Britons, where'er their flag's flying,
Claim the rights that to Britons belong.

You may call it a small bit of bunting,
You may say it's an old colored rag;
But freedom has made it majestic,
And time has ennobled the flag.

Canada was the first of Briton's colonies to ask for and receive self-governing powers.

Canada was the first colony of the Empire to form a confederation.

The twentieth century is Canada's century, as the nineteenth was that of the United States.

Canada ranks seventh in the list of maritime nations,