

plished. The author composes word by word; the printer letter by letter; the mason lays a stone at a time; but by degrees books are written and printed, houses and palaces rise.

*Boy.* I will carefully attend to your advice, and hope by degrees to find my memory improve.

*Father.* Be satisfied you will. By practice, united to industry, every thing is rendered easy. The next task that is set you, will be easier than the present; the third than the second; and thus you will go on, until what at present appears a difficulty, will be converted to an agreeable recreation. You will be pleased with your increasing powers of memory: and every new accession you make to its stores, will be a fund to draw upon, for the remainder of your life.

## ON LIGHT.

**W**HAT a wonderful thing is light! It was the first thing which God created, and is one of the most astonishing productions of divine skill. Its nature, like that of its Creator, is not known to man, but to God alone.

Light is supposed to consist of exceedingly small particles of matter, which issue from a luminous body; as from the sun, or from a candle; and these particles of matter continually flow in all directions. The celebrated Dr. Niciventyt computes, that in one second of time there flows 418,660,000 nonillion particles of light out of a burning candle; which number contains at least six billion 337 thousand 242 million times the number of grains of sand in the whole earth, supposing 100 grains of sand to be equal in