of gin; especially the nitrogen, for its principal use in the atmosphere, of which it forms almost four fifths, is to temper down the oxygen, and prevent the violence and it would produce to our earth.

CARRON

I have heard of Mount Carbon, in the Bobby, coal regions in Pennsylvania. I suppose some chemist gave it that name, because people in the ship, because he was so brave, the combustible substance in the authracite so good tempered, and so funny and play- boat could be lowered and manned, for the ference between the bituminous and authra- else, that might be thrown in for him. cite coals, which two classes comprehend all, or nearly all the mineral coals in use.

It has already been said, that oxygen. and hydrogen enter into all vegetable and animal substances; and to the latter, nitro- a fine noise in their droll games of play, rol- to every sound. Thear a splash on the gen is added. The other ingredient, which ling over and over each other like a couple larboard quarter, cried he, starting up; enters into both, is carbon. This constitutes of young porpoises. And though the little 'pull on, be quick, it must be my child.' a considerable part of wood, in all its forms, boy was sometimes rather rough in his frois the principal ingredient. Carbon some- a lamb to him. times forms a part of rocks, and is one ingreevery particle of limestone upon the earth.

You see, then, that four of the most common things in the world, have rather uncommon names; and still it is highly desirable, and even necessary, amidst the present diffusion of knowledge, to become acquainted and familiar with them. Perhaps one reason why the names of these four elementary they are seldom found separate, but almost deep sea! always combined, and in so many different found in nature or the arts.

only practicable but easy, and is now car- the ship too,' cried he, or the boy is lost! ried on with great success.

volume of nature.

MISCELLANEOUS.

BRAVE BOBBY.

There was an American ship called the visible but the surface of the water.

Bobby was a great favourite of all the recover his beloved son.

minous coals contain a great deal of hy- brave Bobby. He would romp on the deck many hands to spare. But when the boat drogen, which you have just heard is com- with any body that chose. Sometimes when was lowered and manned, the men rowed bustible, and is almost always present where the wind was calm, and the ship was going with all their might in the direction they had you witness a blaze. It is the addition of slow, he would jump overboard, and dash seen the dog take at first. The dark-hydrogen that constitutes the principal dif- through the sea after a biscuit, or any thing ness however, had so much increased, that

But his constant playmate was the little give the child up for lost. boy, the son of his master. This boy was a

The voyage had been very safe and pleaof Good Hope. Evening was coming on the dusk had commenced unusually early .-The night watch of the ship had been set were romping together, tugging each other, when on a sudden the ship gave a heavy roll substances are not more common, is because and the child fell overboard splash into the sufe on board the ship again; and the fail

Sugar and starch, for example, are not made by the men on deck who saw the boy well again. only composed of the same ingredients, viz. fall. Two or three men ran heaving down oxygen, hydrogen, and carbon, but in very lines, and a stray coop that was found lying from his thick shaggy coat, could not be nearly the same proportions. Hence the near the capatan, while the officer of the persuaded to leave the child's side. There process of changing starch into sugar is not watch sang out to stop the ship. Bring he stood licking one of his little hands till

These four substances, together with the by, now for the first time missing the child. Bobby seemed as happy as any body, when metals, are so elementary, and constitute so gave a loud bark, and seemed to guess what both the father and mother hugged and large a part of the material universe, that had happened, cleared the taffiail like a praised him too. And when the boy could they almost deserve to be called the alpha- shot; and the captain and the boy's parents speak again, they made a happy little party bet of science. And certainly until those are with the other passengers, who had come in the cabin, where, but a few minutes befamiliar, we can hardly consider ourselves on deck to learn the cause of the outery and fore, all had been so sad. as having read the first letters in the great bustle, saw the dog swimming away like a

snatch at something. It was however, too

dusky for any body on deck to be quite sure what it was that he really saw. The dog was new out of sight, and nothing was universal ruin which, but for its associate, Washington, bound for China, filled with mother covered her eyes with her hand, passengers, and a valuable cargo. Among and not daring to look out, fentful lest about Nitrogen not only constitutes the greater the passengers on board this ship was an should see the corpse of her darling child part of the air we breathe, but it is an essential ingredient in all animal substances.

officer of the army and his wife, with their floating on the waves; while the father
to only child, a little boy of five years of age, equally unhappy, jumped into the jolly and a large Newfoundland dog, called boat which the men in all haste had been getting ready, that he might spare no effort to

It was many minutes before the jollycoal, is almost entirely curbon. The bitu- ful. Sailors as well as passengers all liked Washington being a merchantman had not the sailors could hardly see, and began to

The father, in great misery, sat at the merry little fellow, and as fond of Bobby as head of the boat, trying to see through the Bubby was fund of him. They used to make surrounding gloom, and listening anxiously

The belimman turned the tiller, the men and when reduced to coal or deprived of its lies with Bobby, and hit him on the head pulled with redoubled force, and in a nohydrogen, and a part of its oxygen, carbon and back, yet Bobby was always gentle as ment. Bobby with the child in his month was along side! Poor creatures. They were nearly spent when they were hauled dient of all the limestone mountains, and sant until within three days sail of the Cape into the boat. The father took the child in his arms, and the faithful Bobby sank down the sun was setting in dark clouds, so that to the bottom of the boat, pauting and almost lifeless.

The men then rowed back to the ship .-and the wind had risen so that the ship was Great, indeed, was the mother's joy when sailing very fast. The boy and the dog she saw her child, that she thought was gone for ever, in the arms of his father, and good Bobby with him also. They all got thanking the sailors for helping him recover It had by this time become so dark that his son, went down into the cabin with the forms and proportions as to produce all the objects could not be distinguished many mother, child, and dog. Every remedy variety of animal and vegetable substances yards distant. A general cry of 'A hand was used that the doctor of the ship adover! a hand over! a hand over! was vised, to make the half drowned boy quite

Bobby, after he had shaken the water the child became so much better as to be This order was scarcely given, when Bob- able to stroke and hug him as usual. Brave

After this circumstance of saving the mad creature in the direction of the starn. child's life in so brave a manner, there was It was too dark to see him distinctly, how- not a man on beard that ship but loved the Industry invigorates both the body and ever he was dimly perceived to dive, and dog as a father might love his child, and

At the Cape of Good Hope some of the

the mind, and is the spring of prosperity to then dimly appear again above water, and well did Bobby deserve it. families and to nations.