

Use the letters you are given to make collocations with the words *problem* and *solution*. The meanings of the words are also given.

Collocations with *problem*

1. _____ : very serious (cueat)
2. _____ : continuing for a long time (incroch)
3. _____ : related to being alive (taxitensile)
4. _____ : basic (fluentmanda)
5. _____ : occurring again and again, difficult to get rid of (itpresents)

Collocations with *solution*

1. _____ : not costing very much money (anemiccool)
2. _____ : clever but simple (agentle)
3. _____ : delivering a complete change (dralaic)
4. _____ : final, best, most important (tamilute)
5. _____ : singular, extremely unusual (iquune)

Complete each gap in this short talk with one missing word from the box. Three items are extra.

association / connectivity / cultivate / deplete / digest / feedback / frustrating
navigation / pollutants / remote / reverse / settings / synchronize

Let me go on to outline some of my own current research. I'm running a citizen science project looking into the _____¹ between the presence of specific _____² in the air with the long-term health of young children. We've asked residents of urban _____³ to measure the pollution in their areas and collect samples from their children which they send into our lab. Then we _____⁴ the samples to see what effects the pollutants are having. Some pollutants _____⁵ the amount of oxygen available to the body. The aim is to see if it will eventually be possible to _____⁶ any damage that's being done.

However, we have experienced a lot of problems. Initially, we started out asking residents to test their own samples at home using a special kit that we provided, but the _____⁷ was that this was too difficult. That was really _____⁸ as it's very expensive to test the samples in the lab. We have also had issues with _____⁹ as some residents don't have smartphones. This was surprising - we had similar issues in a previous project that I worked on, but that was in an extremely _____¹⁰ area.