Puzzle Maker is a program that produces puzzles that are made up of a word list and random letters from the word list, forming a series of letters in columns and rows. This produces a challenge for the puzzle solver to find all the words in the puzzle. The words are formed horizontally, vertically and diagonally. They can also be spelt backwards.
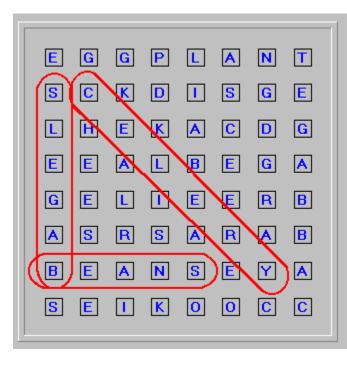
Puzzle Maker allows the user to customize the puzzle in the following ways:

> The puzzle may range in size from 8 to 20 characters (8, 10, 12, 15, 18, 20). If the user selects 10, the puzzle will have 10 rows of letters and 10 columns of letters.
>
> The word list used for the puzzle may be customized or created from scratch, and may contain any type of character. By saving new word lists, the user may create their own library of word lists.
>
> The user may choose whether or nor they wish to print the word list with the puzzle or just print lines for the puzzle solver to fill.

Example

In this example there are 3 words circled. The first is BAGELS which is printed vertically and spelt backwards. The next word is BEANS which is printed horizonally and shares the B from BEANS. The third word is CELERY which is printed diagonally.