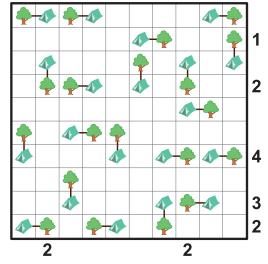# Earth Day Puzzles

4/22/22

SOLUTION

Electric Vehicles (Yajilin)

Plan a path to visit everywhere in the city – except gas stations! Place gas stations in some of the empty cells so that you can draw a path through the remaining empty locations, connecting the centers of adjacent cells to form a single loop. Cells with gas stations may not share an edge. The numbers specify how many gas stations lie in the indicated direction. (Cells may contain stations even if no numbers point to them.)

Camping (Tents)

Place tents in some of the empty cells so that each tent connects horizontally or vertically to a tree in an adjacent cell, and every tree connects to exactly one tent. Numbers specify how many tents are in the corresponding row or column. Cells with tents may not touch, even at corners. (Trees may have multiple tents next to them, but only one connection.)

Wind Power (Star Battle)

Place wind turbines in cells so there is exactly one turbine in every row, column, and bold-outlined region. Cells with turbines may not touch, even at corners.

Vegetable Garden (Scarecrows)

Divide the garden into planting beds and walkways. Each bed must contain one number – indicating how many cells are in the bed – and one scarecrow. Beds may not share an edge with other beds. Shade non-bed cells (empty or with a scarecrow) to represent the walkway, which must be a single group connected along edges. (Note that this Nurikabe variant has no prohibition on shading a 2×2 group of cells.)