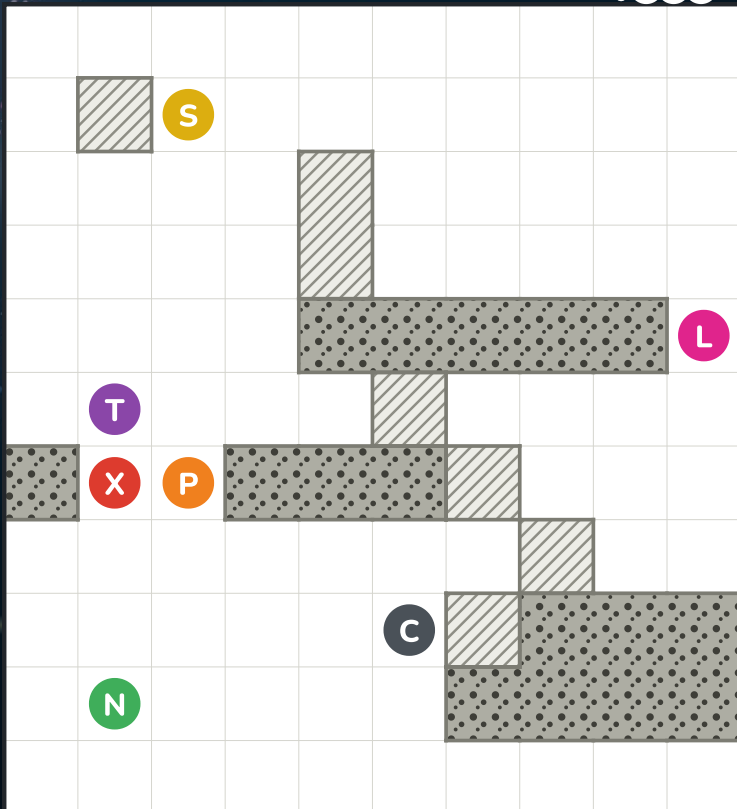




Hi, I'm Sam from Deep Space High, and I've found a new planet! Everything life needs is out there somewhere. Can you help? Drill down and grab as much of it as you can. **How many rolls can you do it in? Go!**



START ANYWHERE ALONG HERE

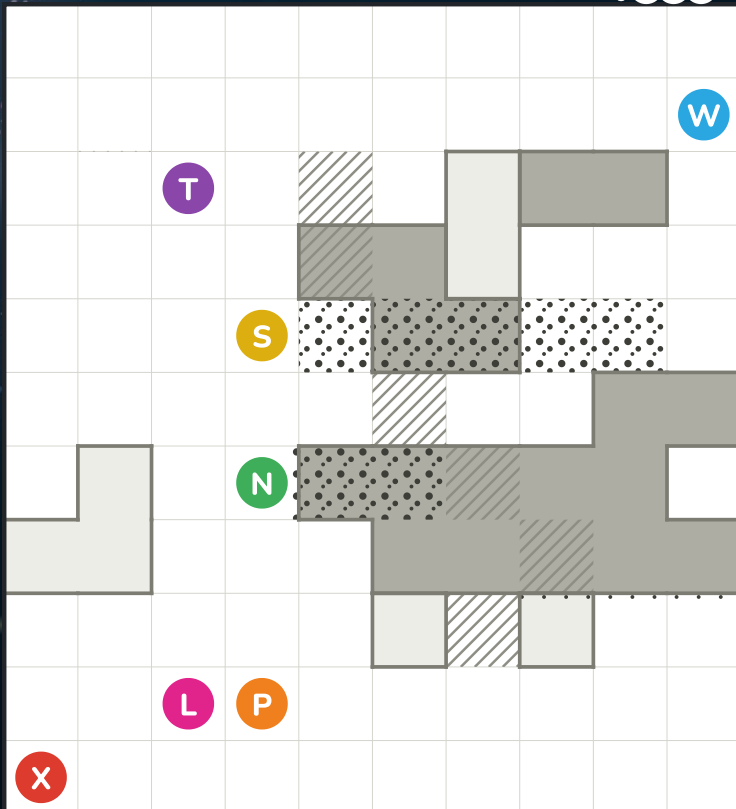




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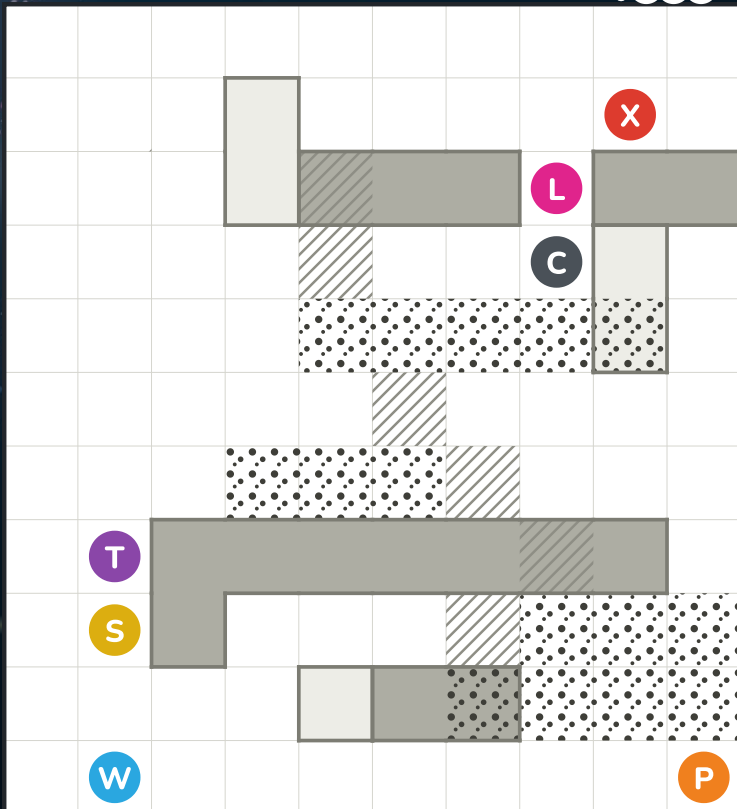




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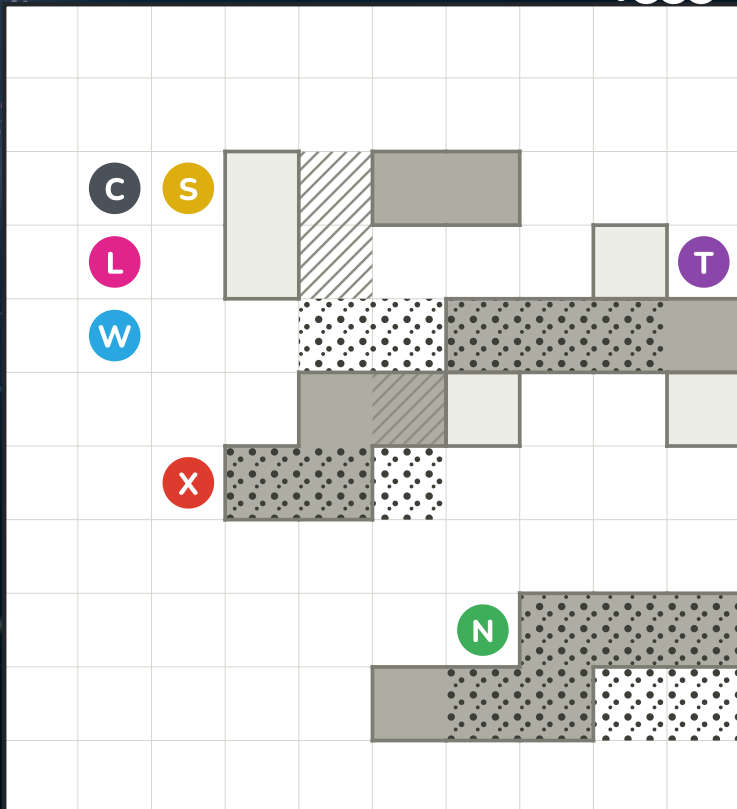




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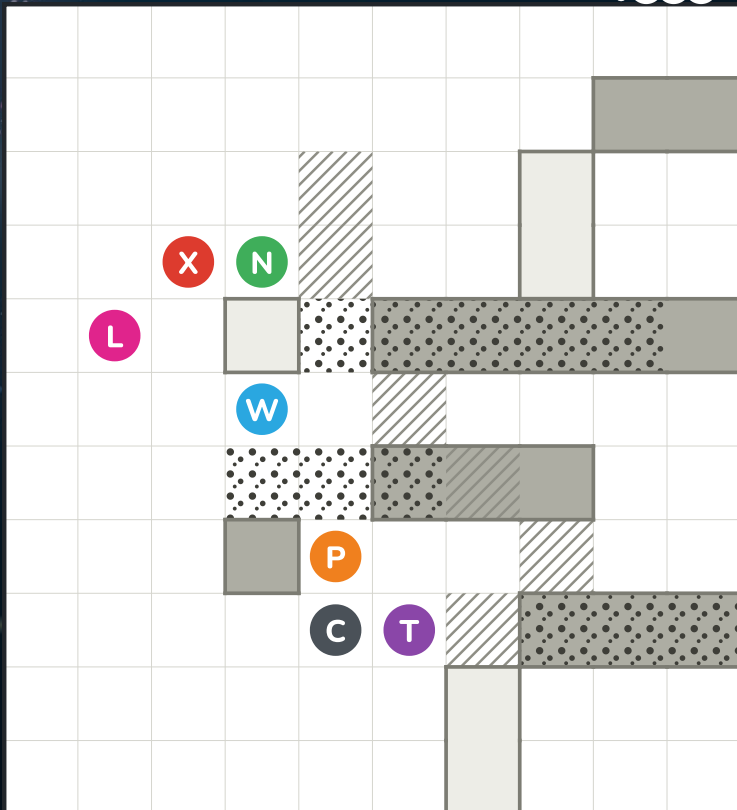




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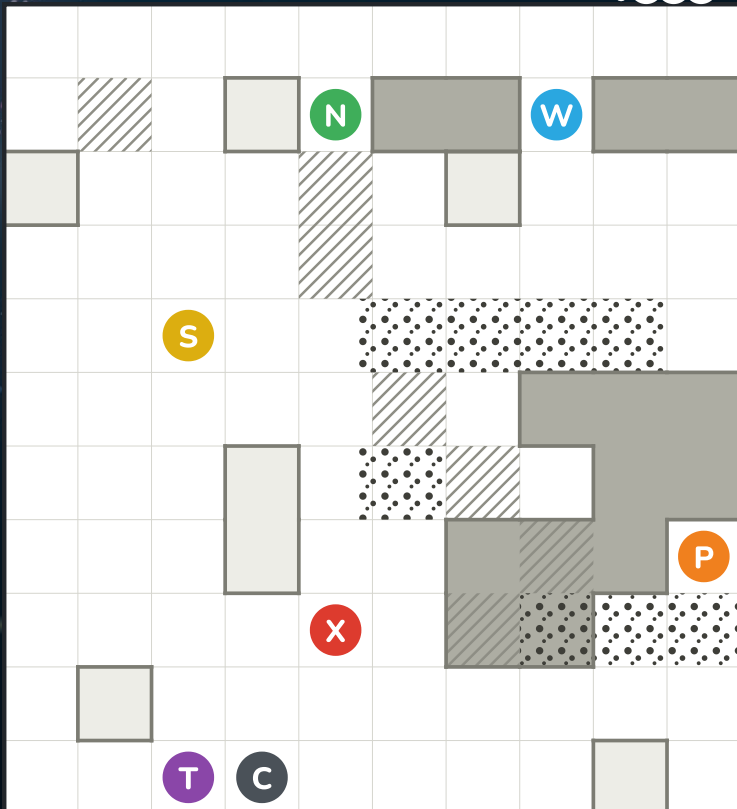




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START ANYWHERE ALONG HERE



HOW TO PLAY

1. **Start anywhere on the surface** of the planet and move down towards the core.
2. **Roll a dice.** Move that many squares in a straight line: down, up or sideways. Never diagonally, and always the full roll.
3. **Grab everything you cross** on the way, not just where you land. Circle it.
4. **Magma and rifts block you.** You cannot cross them or land on them.
5. **If there is nowhere to go, roll again.**
6. **Get to the core to finish,** and count the rolls it took. Straight down is quickest but you will get there with almost nothing, so try to beat the par on the front.

WHAT LIFE NEEDS

- | | |
|--|---|
| W Water
Everything alive is mostly water. It lets the chemistry of life happen. | S Sulphur
Helps proteins fold into the right shape. Wrong shape, and they do not work. |
| C Carbon
The building block. Every living thing we know of is built of carbon. | L Luck
Even with everything else in place, life still needs a lucky break to start. |
| N Nitrogen
Needed to make proteins and DNA, the instruction book inside every cell. | T Time
Life takes billions of years. A young planet simply has not had long enough. |
| P Phosphorus
Holds the rungs of DNA together and ferries energy around your cells. | X Location
Too close to a star and you boil. Too far and you freeze. The sweet spot is in between. |

There are eight things on this list, but only seven on your planet. Which one is yours missing?



SCAN ME



Sam is from Deep Space High: A Kids Guide to Space, a podcast from Fun Kids, the UK's children's radio station. Listen wherever you get your podcasts, on DAB Digital Radio, the free Fun Kids app, or on your smart speaker, just say "play Fun Kids".