# Coding Treasure Hunt

What you need:

- A small prize
- outdoor space

What coding concepts are taught:

- Decomposition
- Sequence

Who doesn't love an old-school treasure hunt? What better way to practice algorithms and sequences than when there's a prize waiting for you at the end?

Have your kiddos follow the instructions (**algorithms**) through the backyard, front yard, or any other area to find the treasure. It's best to be very concrete in the instructions given, as computers need very clear and concrete algorithms to execute their tasks.

An example of a treasure hunt 'map' could read:

- Take 10 steps forward
- Bunny hop 5 hops to the LEFT
- Crab crawl 20 steps to the RIGHT
- Somersault forward twice

Be creative with your directions. You can also use landmarks to direct your kids, e.g.: "Bunny hop forward until you reach the mail box, skip LEFT until you reach the driveway."

Let them work through the **sequence** all the way to find the candy, toy, or big brother at the end of the treasure hunt! Then change it up and have them describe the steps they are taking to get back to home base. **Decomposition** win all around!