

ALGORITHMS

Library, 12/8

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What's an algorithm?

An algorithm is a set of rules to be followed.

Think about some directions you might have followed today. What were they?

Things to remember while you're working:

- Describe the drawing. **Don't say what it is.** (For example: Do not say "It's a smiley face." Instead, try to explain what shapes make up a smiley face.)
- **Try using the grids** on your paper when giving directions.
- Be as **specific** as you can.

Practice algorithms with a partner:

1. Gather one piece of graph paper and a pencil. **Draw a SIMPLE drawing on the graph paper.** Flip this handout over for some design suggestions!
2. Find a partner to work with and get 2 blank pieces of paper. **Shhhhh! Don't show your partner your drawing!** Sit back to back and pick a partner to go first.
3. Partner 1 should explain his or her drawing to Partner 2.
Partner 2 should follow Partner 1's instructions to try and recreate the original drawing. **Listen carefully!**
Switch roles. Now Partner 1 should try to recreate Partner 2's drawing.

Need inspiration for what to draw?
Try one of these designs:

