



Follow the spiral

Little found a spiral on a drill bit. As the bit turns, the cutting lips at its tip shave off tiny chips.



A thread in soap

Big turned a screw into soap. Its thread wound around like a tiny ramp, helping the screw move in with each turn.



A way out

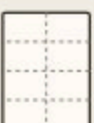
Chips need a way out of the hole. The drill bit's spiral grooves, called flutes, carry them up as it turns.



Around and up

An auger has a broad spiral. As it turns in the soil, it lifts loose dirt up and out of the hole.

Make a little book



1 Fold it into 8 boxes. Open it flat.



2 Fold short end to short end. Cut the thick line. Open it.



3 Fold the long way, pictures out. Push the ends in.



4 Fold into a book. Page 1 goes on the front!



Water takes a ride

Big turned the Archimedes screw. Pockets of water rode up the sloping tube and spilled into a cup higher than the bowl.



Keep a question

Little drew a spiral beside the turning tools. "Why does a spiral move things when it spins?" The notebook had room to wonder.



WONDER DAILY
**How Drill
Bits Work**