

Thinking about Thinking

Thinking in Questions

Sophie is trying to make a spider build a web in etoys.

What are the parts of this problem?

A web is made of shapes... the same shape over and over.

How do I get my spider to make a shape?

Have I done something like this before?

Yes! I have! I can use a pen trail.

What shapes are in a web? Hexagons. And straight lines!

But how do I make the spider do all this at once?

Can I break the problem into smaller steps?

What if I make the spider draw one shape at a time? Over and over?

That helps. But it's still tricky to imagine each step...

Okay, now I know each step the spider will take.

What if I draw a picture of what I want?

But how can I make it work better?

It works! If I put all the steps together, it works!

But let me check each step to make sure.

Sophie's questions help her solve the problem.

