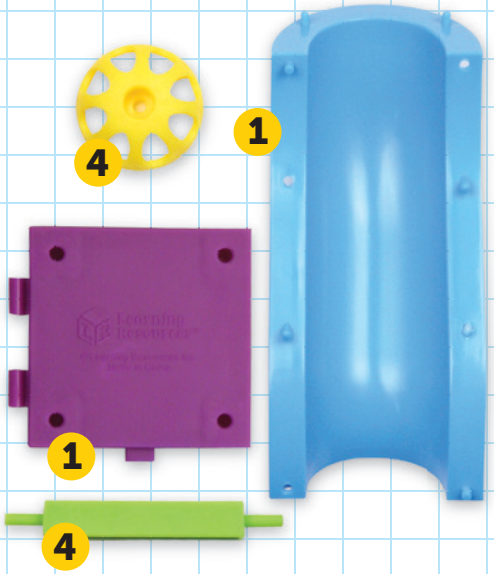
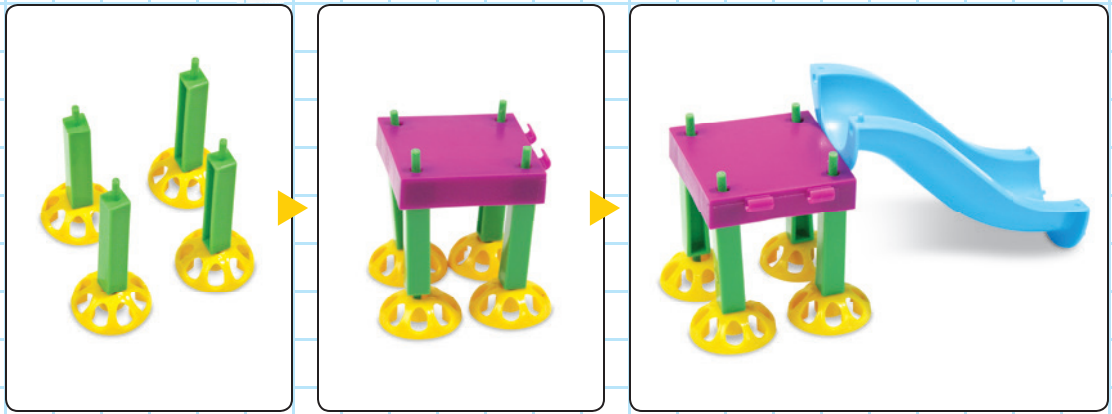
Let's build a slide!

Follow the steps pictured below.

1a





Ask

Ouch—the sun makes the slide too hot! Can you design and build a roof to cover the slide?

Imagine

Plan

Use the planning sheet in the guide to design your solution!

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Create

Possible Solutions

1b









Improve

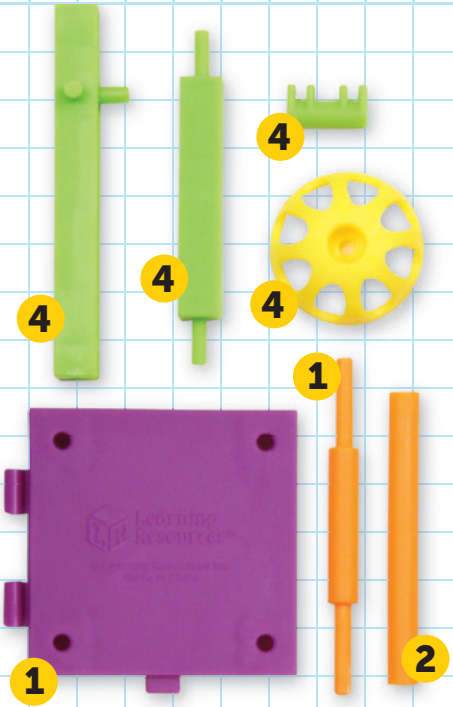
Which of the solutions above would provide the most shade? **Why?**
Can you think of any other solutions?

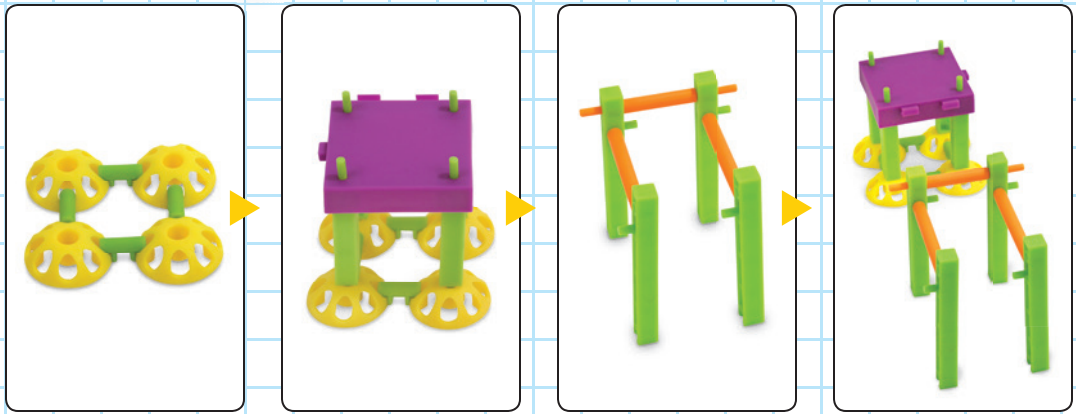
Made in China.

Let's build a bridge!

Follow the steps pictured below.

2a





Ask

Dead end! You are unable to walk from the platform to the parallel bars. Can you design a bridge to help you get across?

Imagine **Plan**

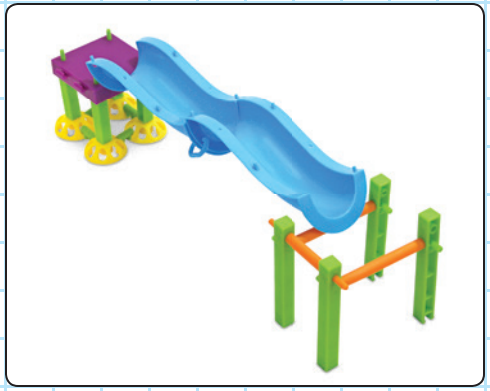
Use the planning sheet in the guide to design your solution!

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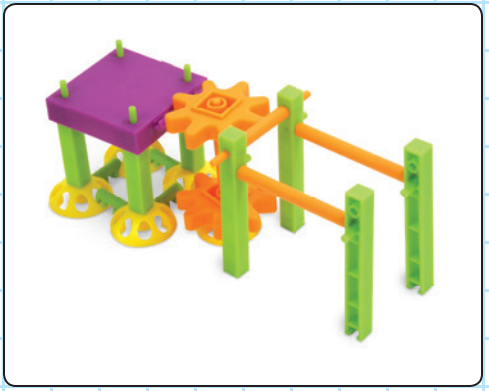
Create

Possible Solutions

2b







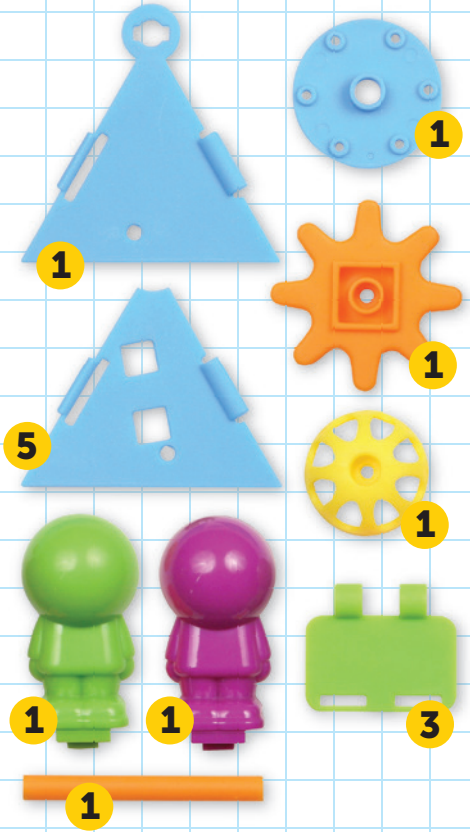
Improve

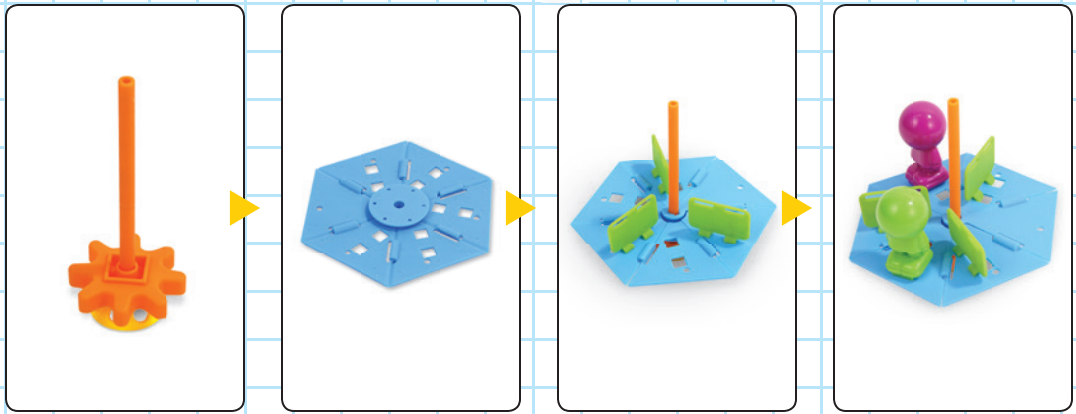
Which of the solutions above would make the best bridge?
Why? Can you think of any other solutions?

Let's build a merry-go-round!

Follow the steps pictured below.

3a





Ask

Close call! The merry-go-round moves very fast. Can you design a tool to help you spin the merry-go-round from a safe distance?

Imagine

Plan

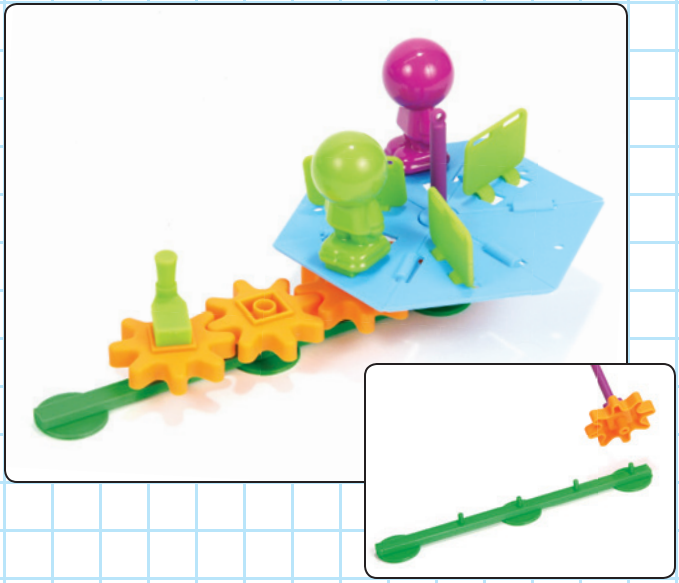
Use the planning sheet in the guide to design your solution!

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Create

Possible Solutions

3b





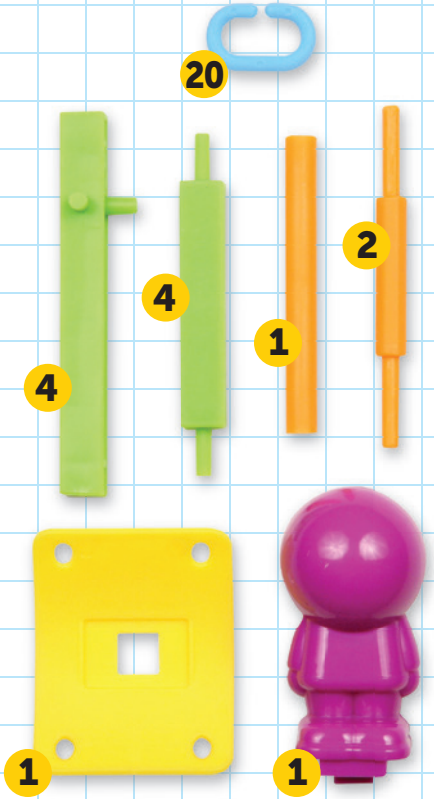
Improve

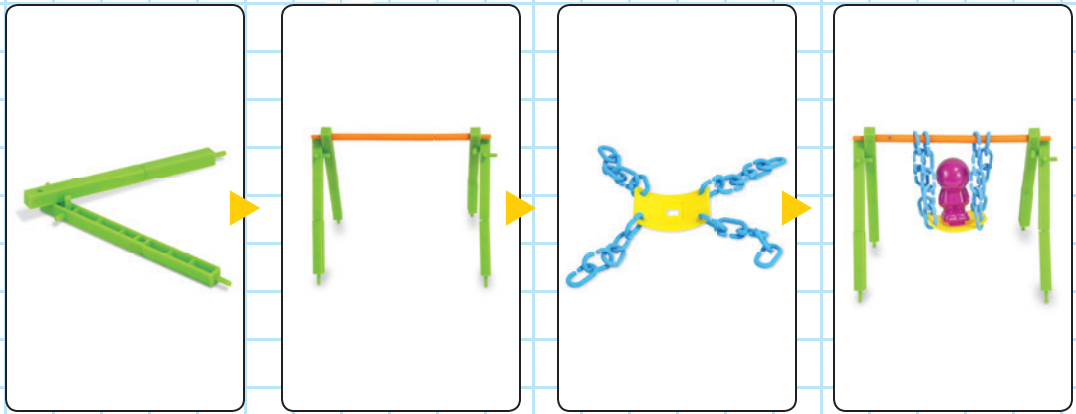
Which of the solutions above would provide a safer and better spinning experience? **Why?** Can you think of any other solutions?

Let's build a swing set!

Follow the steps pictured below.

4a





Ask

Bumpy ride! This swing needs some serious tightening up. Can you design a more stable swing set?

Imagine **Plan**

Use the planning sheet in the guide to design your solution!

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Create

Possible Solutions

4b





Improve

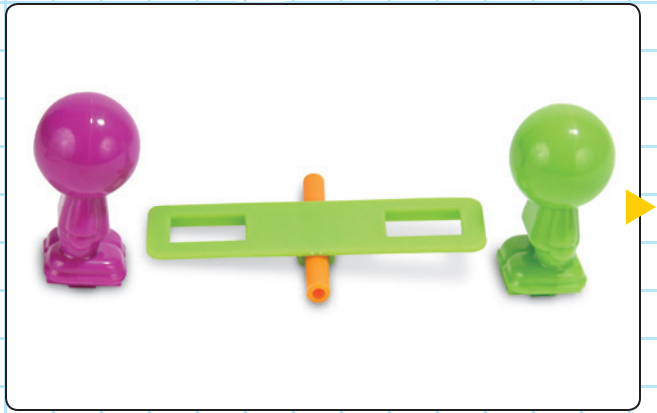
Which of the solutions above would make the swing set more stable?
Why? Can you think of any other solutions?

Let's build a seesaw!

Follow the steps pictured below.

5a







Ask

No fun! The seesaw barely moves. Can you design a more exciting seesaw that rises higher and dips lower?

Imagine

Plan

Use the planning sheet in the guide to design your solution!

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Create

Possible Solutions

5b





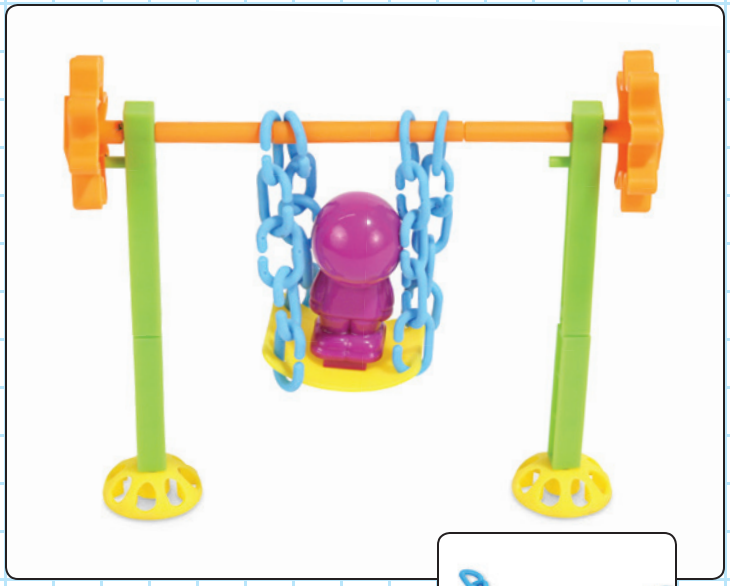
Improve

Which of the solutions above would give the seesaw more movement? **Why?** Can you think of any other solutions?

Design Your Own Swing Set!

Here are some ideas to get you started:

6a









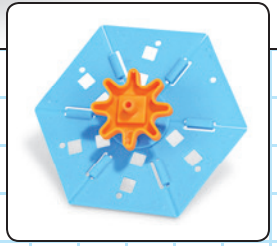
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Design Your Own Merry-Go-Round!

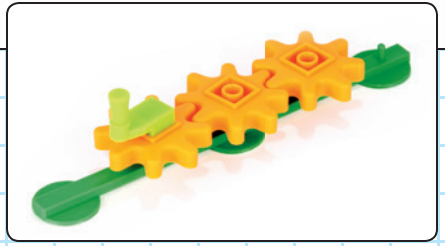
Here are some ideas to get you started:

6b





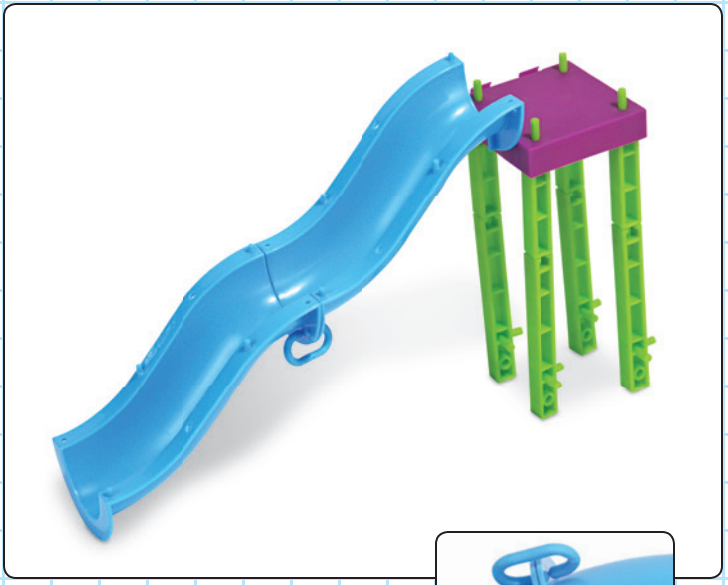




Design Your Own Slide!

Here are some ideas to get you started:

7a









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Design Your Own Seesaw!

Here are some ideas to get you started:

7b





Design a Playground Station!

Combine pieces and build.

8a



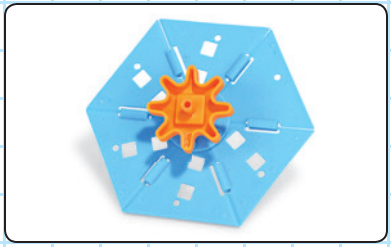
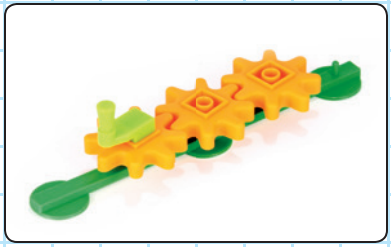
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Create

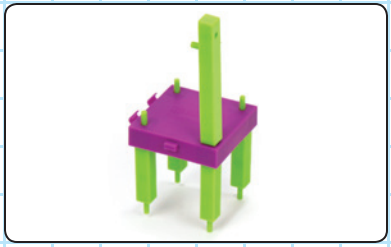
Design a Playground Station

8b

First, build a merry-go-round.


Then, add a swing and a slide.





Improve

How can you change your design to make it better?

Design a Playground Station!

Combine pieces and build.

9a



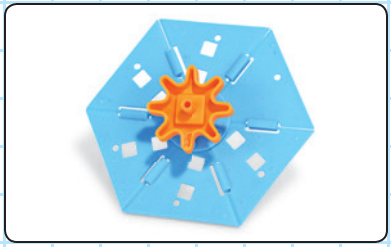
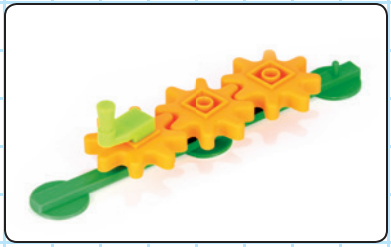
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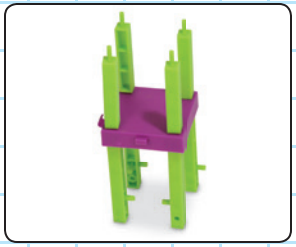
Design a Playground Station

9b

First, build a merry-go-round.


Then, add a bridge and a slide.






Improve

How can you change your design to make it better?

Design a Playground Station!

Combine pieces and build.

10a



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Create

Design a Playground Station

10b

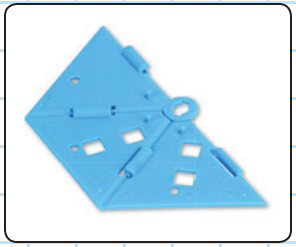
First, build a slide.

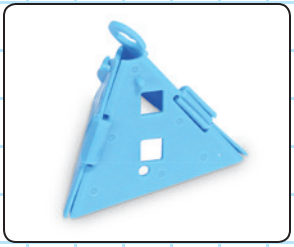


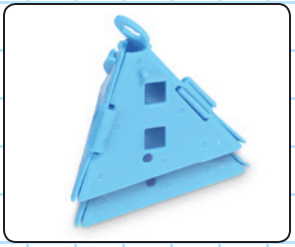


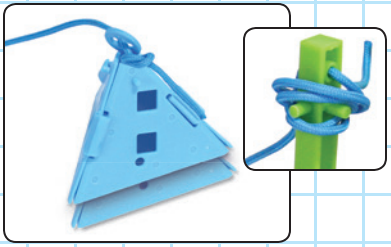


Then, add a zipline.









Improve

How can you change your design to make it better?