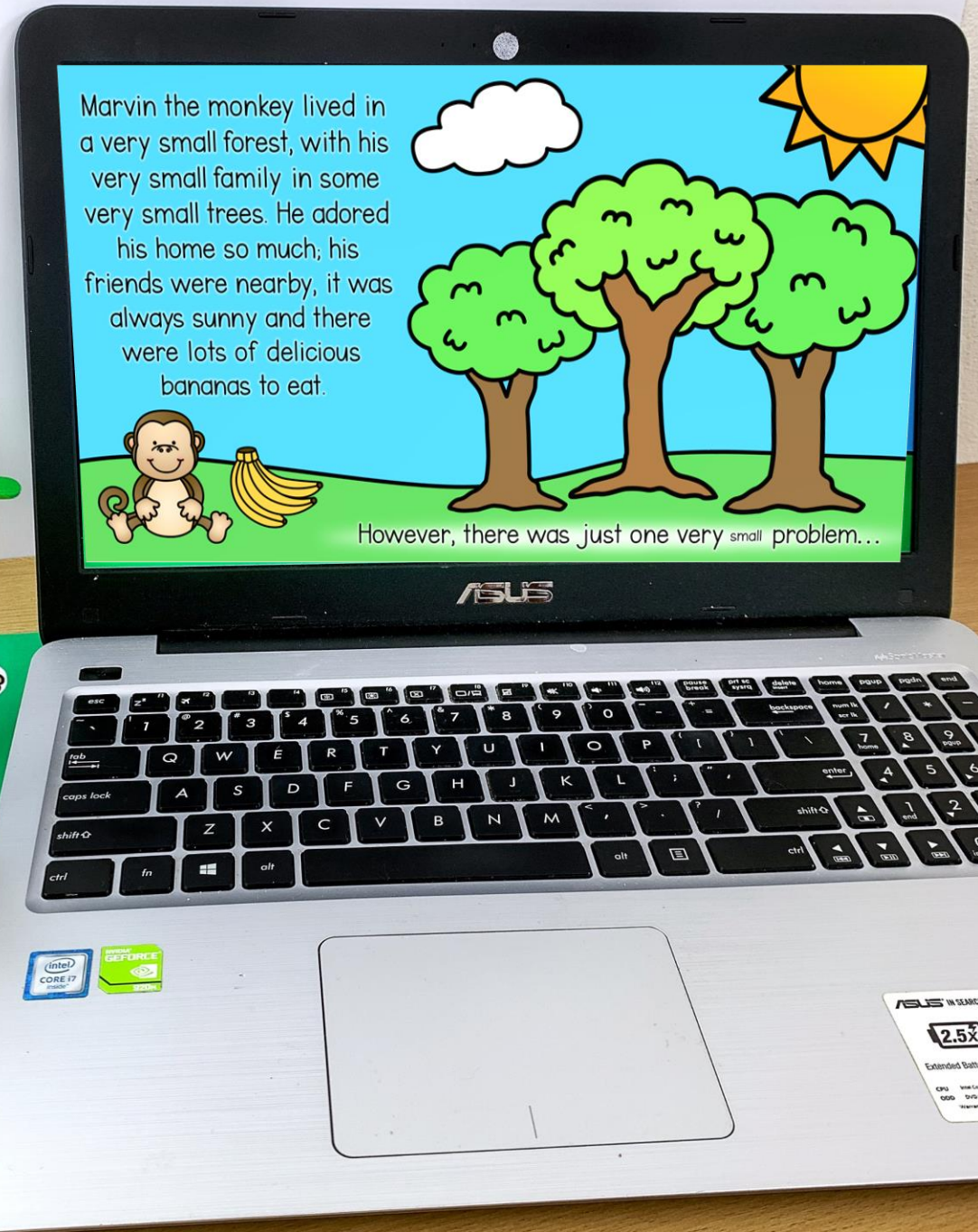


Step 1:

Students are read the STEM story which tells them about Marvin who is a treeless monkey.

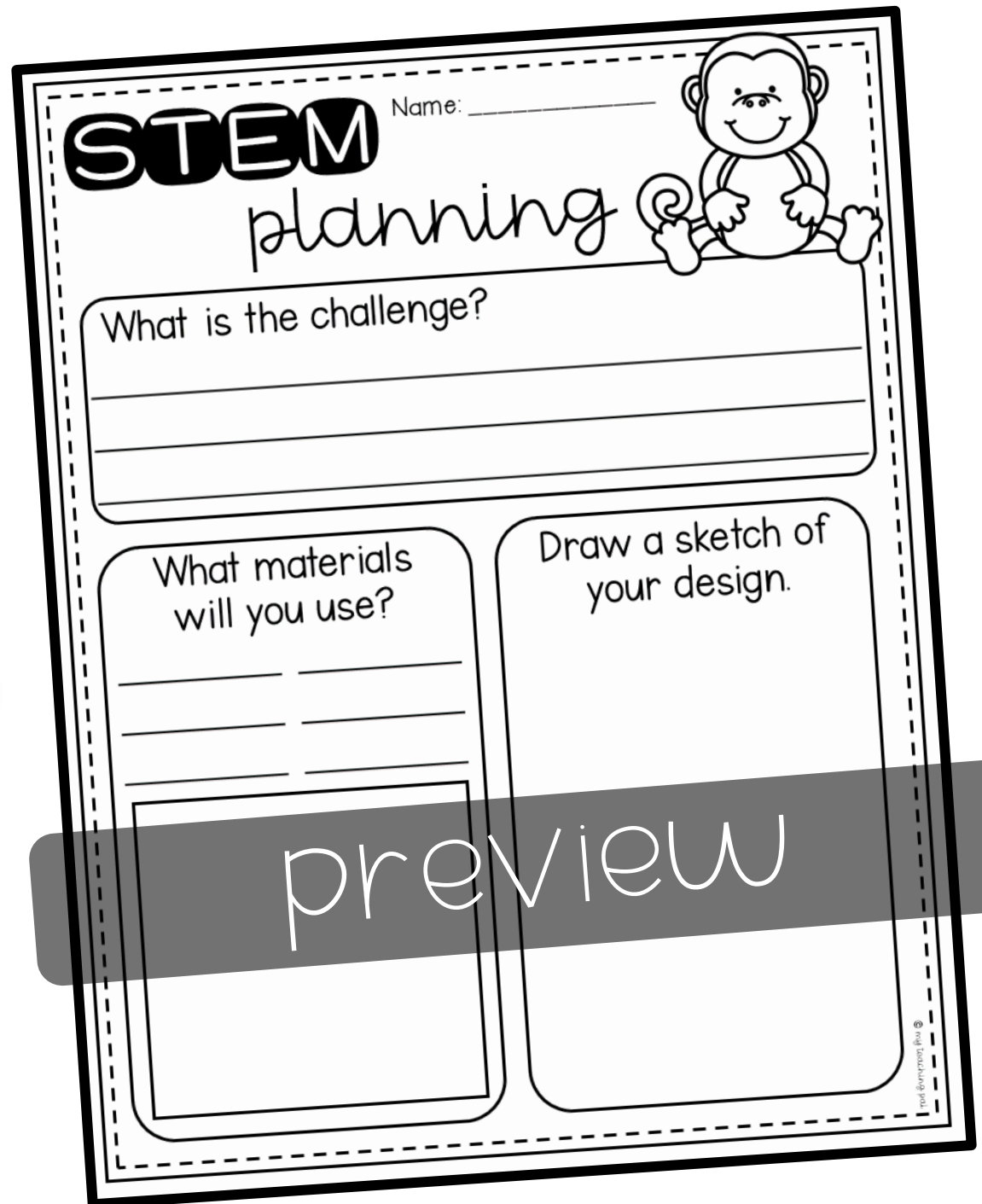
The story continues on to ask them to build a tree for Marvin.



Step 2:

Students plan their designs using the planning sheets included.

Material suggestions are included, however, you can also just use whatever STEM resources you have; students will find a way to make it work.



STEM Name: _____

planning

What is the challenge?

What materials will you use?

Draw a sketch of your design.

preview

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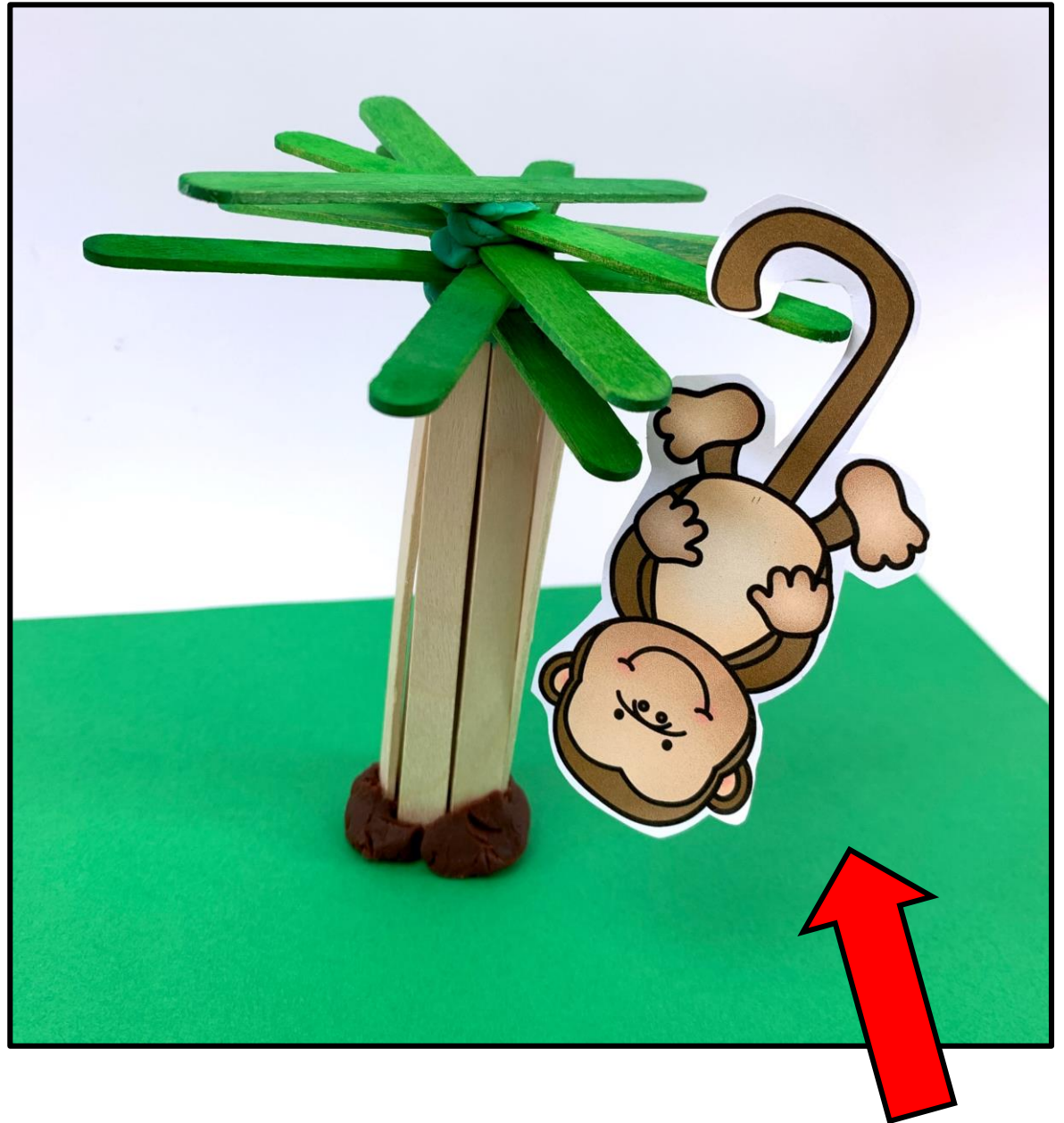
Step 3:

Students work in groups to build their trees using the resources you have provided to them. Use whatever resources you have on hand or follow the suggestions included in the pack.



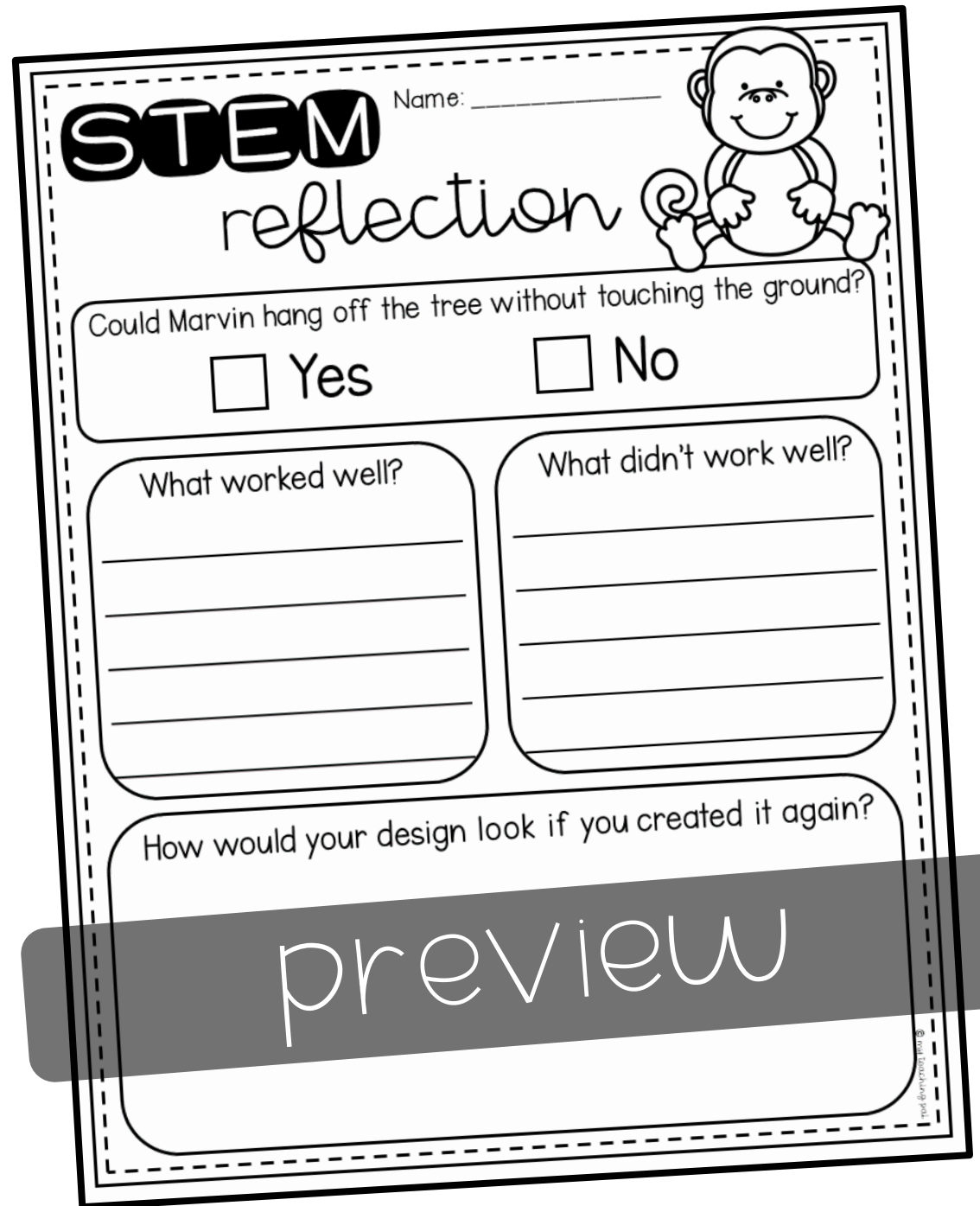
Step 4:

Students test their designs by hanging Marvin off the tree and making sure he can't touch the ground. An extension option is included too.




Step 5:

Students reflect on the STEM process using the reflection sheet included. It asks them what worked well, what didn't and how they would improve their design if they created it again.



STEM Name: _____

reflection 

Could Marvin hang off the tree without touching the ground?

Yes No

What worked well?

What didn't work well?

How would your design look if you created it again?

preview

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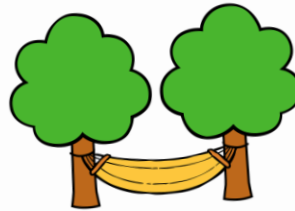
BONUS

Plus, extra challenge cards are included that you can use in future lessons to continue on with the theme.

These also work great as a fast finisher activity.

Challenge 1:

Oh no! Marvin's hammock broke. Can you build a new hammock for him?



Challenge 2:

A huge storm is coming and the monkeys need a shelter to protect them. Can you build one for them?



Challenge 3:

Marvin wants to give Ronny a gift to say thanks for all his help. Can you build a banana basket for Ronny?



Challenge 4:

Marvin needs a new toy box to store all of his toys. Can you build one for him?



pre view