

BASIC CODING WITH OUR 1ST & 2ND GRADERS

In STEM, our 1st and 2nd graders are exploring the world of basic coding. They are engaging with interactive visual-based coding programs that not only introduces them to the world of technology but also instills valuable life skills and biblical values. The programs are extremely interactive allowing the students creative expression to code scenes and characters. They are learning how to control their character's movement by selecting specific commands.

While learning coding, we see our students developing life skills such as problem-solving, perseverance, teamwork, and communication skills. Students can often be seen helping other students and guiding them through the many command options. Most importantly, we incorporate biblical values and critical thinking skills to our students which we believe creates the ultimate learning experience.

Here is a list of questions we ask during our basic coding class to expand their critical thinking skills and integrate biblical values.

1. What does this block of code do?
2. What happens if we change this part of the code?
3. How would you solve this problem using code?
4. How did you help one another create this code?
5. Can you think of another way to write this code?
6. How can you improve or add more features to your code?
7. How does coding remind you of God?
8. How do you think God felt after He created the world?
9. Just like you care about the code you created, how does God care for His creation?
10. Do you think it was easy for God to create humans?
11. Does God want to control us?
12. What is the difference between control and true love?

For in him all things were created: things in heaven and on earth, visible and invisible, whether thrones or powers or rulers or authorities; all things have been created through him and for him. He is before all things, and in him all things hold together.” Colossians 1:16-17

Quotes from Students:

How do you think God felt after He created the world?

“We get to feel the joy that God felt when he created us like we get to create.” -Evan Doop



Do you think it was easy for God to create humans?

“It’s hard to make things, so I don’t think it was easy for God to make us”

-Devin Kelly



SPRITES IN ACTION

SPRITE LAB



SCRATCH JR