алгоритмика

Международная
школа математики
и программирования

Computer literacy

Storyline

7-9
years old

The course modules are coupled with a storyline of 5 friends:

Each character is a separate personality type with its own interests

There are 5 characters, so that each student of the course could find a "soul mate" for himself.

Girly girl

Troublemaker

Athlete

Artist

Gamer

Katie

Katie is such a girly girl. She likes to be the focus of attention. She seeks praise and admiration. Without attention and praise, she loses interest in the case. She likes everything beautiful. She likes to be photographed. She is very diligent. Perfectionist. If she has trouble doing a small thing, she is ready to redo it many times. She focuses on small things, but does not see the whole situation.

Doc

Doc is a boy who always gets into extraordinary situations. He wants to be in time everywhere, but he is late all the time. He is an experimentalist and researcher. There are many ideas in his head. He is not afraid to fail, for the sake of his interest he will do anything.
He doesn't get upset over every little thing. He doesn't listen to anyone, learns from his own experience. Very resourceful.
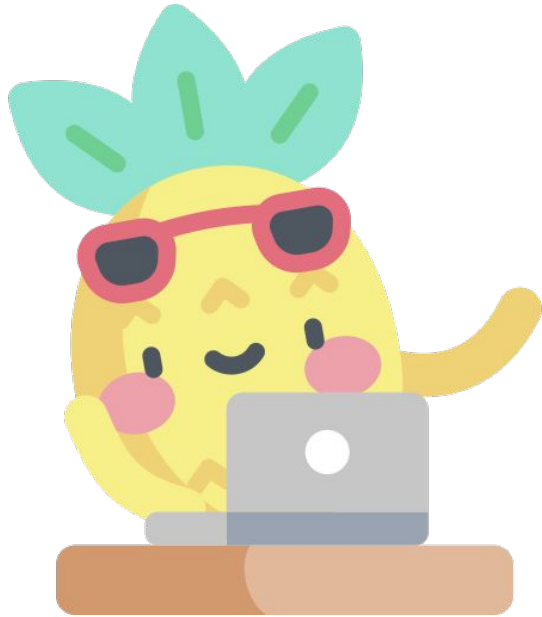
Unique

Unique is an athlete who plays football. He is ready to talk about his training for hours. Persistent, stubborn, loves stability and clear paths. He does everything they tell him to. He doesn't like new games because the rules are new too. He is ready to work hard to achieve his goals, but he is very afraid to fail. Therefore, he never participates in competitions, disputes, lotteries. Shy.

Dina

Dina is a dreamer. She likes to imagine how she lives, where and what she does. She wants to do something exciting and everything interesting. In any case, the only thing that matters is to have fun! She reads a lot, listens to music. She readily comes up with stories for games with friends. She writes "chain letters" and sends them to messengers. She doesn't like waiting and doing monotonous work. As soon as the matter ceases to be interesting, thoughts are carried far away by thoughts.

Pineapple

Pineapple is a genderless character. His lines are gender neutral. This character feels uncomfortable in the real world. He plays games. He is cheating. He films let-plays on Twitch. Skills, achievements, levels, gg, vp, mvp. He appreciates teamwork very much, because one in a virtual field is not a warrior.

Story

The characters live their normal lives as children of 7-9 years old. They go to school, do their homework, go to grandma's, play toys, and meet friends. The characters are different and at the same time complement each other.

Situations that will happen to kids can be both everyday and fantasy - within the framework of a game they have invented themselves (for example, they can build a time machine, or become superheroes).

Situations and problems themselves that the characters will solve will contain ideas that the students can use for themselves - for example, play pirates with their friends by making and printing masks, a flag or a map.
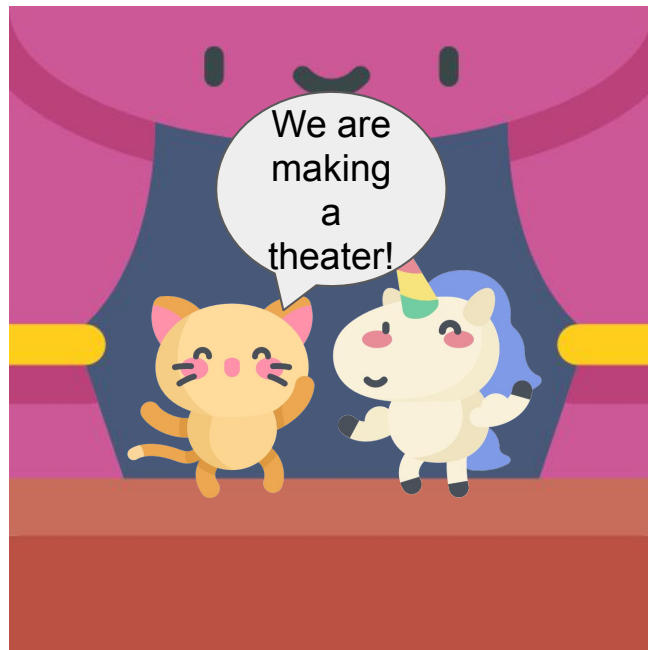
The storyline is used when problematizing

Friends decided to make a show. They found the script, defined roles, rehearsed and really want to invite everyone.
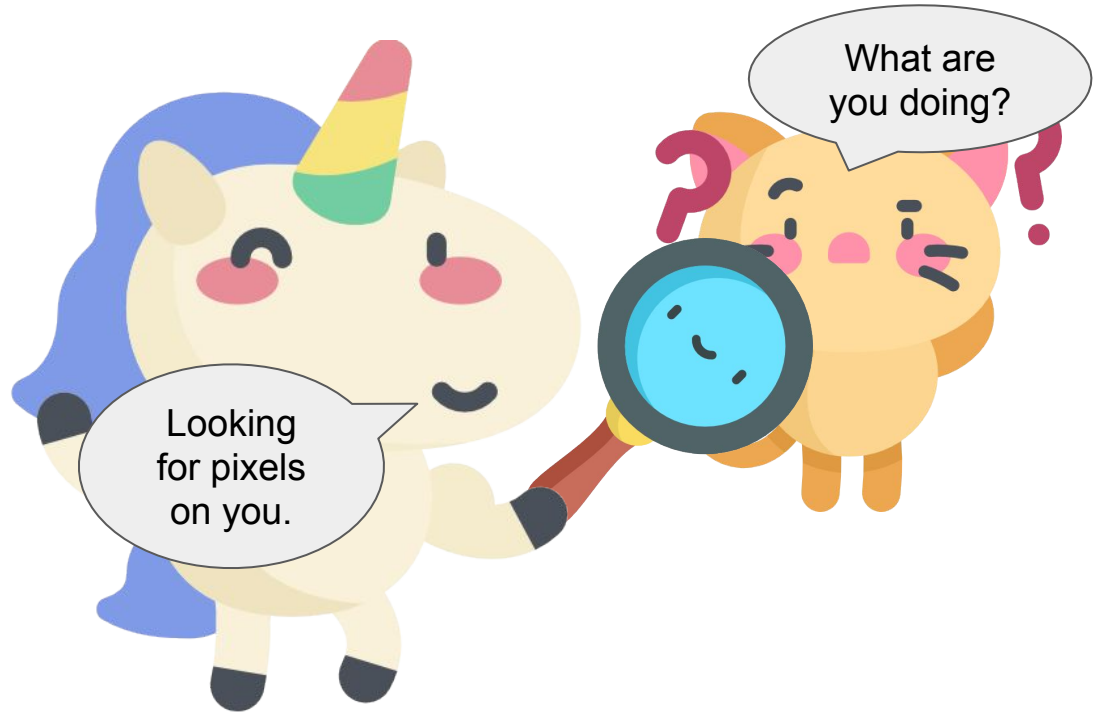
They came up with the idea of making posters, but it takes too much time to draw each one by hand.

What to do?

The storyline is used at the stage of explanation of new material

We can draw students' attention to new information through dialogues between characters.

Characters with their emotions and opinions are the key to conscious reflection

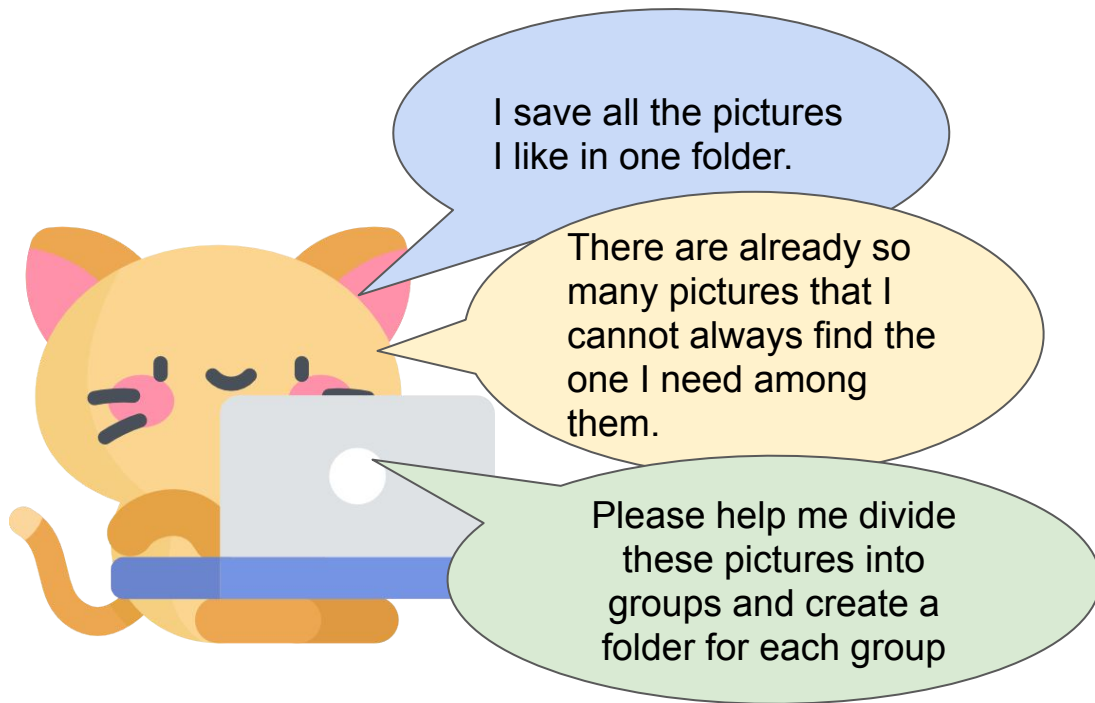We want students to learn how to ask questions, express emotions, and think out loud.

That's why the characters will express their emotions, ask questions and reason on the pages of the presentation.

The storyline is used in tasks on the platform and in practice books

Characters assign tasks based on their interests.

For example, Katie likes to keep everything in order.

Role-playing tasks

Now let's get through with cyberbullers ...

The characters will ask to do something, correct, help, join, make some choice.

The tasks on the platform will not only test the gained knowledge and skills. They will make the kid feel like a part of the story.

We will get a kind of sitcom, in which each episode is a separate lesson.