

Showtell_P4_PR2

[participant films it]

I: Alright [P4], so tell me about your creation! What have you done?

P: Well, it started off as a box. But then I was interested in- by doing a model where in some way you can portray what you can do.

I: OK.

P: So, it was gonna look like more- like a medal. Or an award that you get.

I: Ah, so something that you would put on you shelf and be proud off.

P: Yes. Just something that shows what you can make. But then when I looked at an item that was already in the room, that was already made, I was interested- like in the middle part [points at object], when you got lights what will happen when the light hits it and then it shoots off in different directions.

I: Like shadows?

P: Yes.

I: Nice. So the materials are probably also quite an important part of it, right?

P: It's a mixture of the two disciplines. I'm using the laser-cutter, and also using the 3D printer. So it's using the two combined with a little bit of work with the... programming side of things. Which I am not brilliant at, but using all three sessions that we did, combined to make what we've got.

I: Absolutely, because the lights, to make them responding to the button that is actually functionality that you have to program right?

P: Yes.

I: So you started off with the laser-cutting? Or was it the 3D printer?

P: It was 3D printing first, which sort of blocked one of the printers [laughs slightly] Yeah, it just blocked up sort of. Because that's because we tried to do the ball shape all in one go.

I: Ah, yes.

P: And it was all saying 'Na! Not wanna do that.'

I: I mean, just logically thinking, it would probably roll away if you are printing, right? [laughs]

P: But you don't know until you try.

I: Okay, yeah.

P: So we tried that, so then we had to do it in halves.

I: Mhm.

P: And then we went from there.

I: Cool. And how comes the idea with the- that it's readjustable and it has magnets?

P: That was just by chance.

I: Oh really?

P: With a little bit of help of our friend here [swings camera briefly over to person] who was helping us on the workshop. She said 'Well, if we're having that, why not having it where we can do that?' So it was a chance idea and it worked out quite nicely.

I: Cool, so- just because we cannot show it right now, you could actually have like a red half first and then the green ball half, and then the red half again and-

P: Yeah.

I: Cool. This is really nice. Where are you going to put it up and show it?

P: Not sure yet. But it will be somewhere nice.

I: Yeah. Are you going to show other people?

P: Yes.

I: Cool.

P: And hopefully, within the next 5 minutes it will be up on Facebook.

I: Oooh! That's quick!

P: If it works properly on that phone, but I really hope.

I: Beastly technology, huh?

P: Yup.

I: No, I think it is a really great progress, and I think it is a really pretty outcome that you have. Are you happy with it? Are you satisfied?

P: I'm over the moon with it!

I: Really? Cool! If you could improve it, what would you do? Or is there anything to improve left?

P: I would probably put multi-coloured lights on it. So then it could change depending on the mood.

I: Alright, yeah. So maybe RGB-LEDs where you can actually program and maybe- oh, do you know the-? Ah, I'm doing brainstorming again, this is automatically happening. You know those 'mood rings'? Which change colours according to your temperature. But it says it's actually a mood that changes the colour of it. So you could do something similar with the temperature sensor [points to Nick's device].

P: That would be possible.

I: Nick would probably know how to program that.

I2: You could do a new project together.

I: Yeah, combining your ideas.

P: That's possible.

I: Or do you have any other ideas that you would like to do?

P: I'd work on something on a bigger scale. If we are going to exhibit it somewhere. Or something like that.

I: Mhm. You mean like from the measurements bigger? From the dimensions bigger?

P: [nods] Because then you could more in it and you get to program it. And you- there is more space to do more.

I: Yeah yeah. Would you use 3D printing for that? Or rather laser-cutting?

P: Mixture of both if I could. Because the top half is good as 3D printing. For the boxes and stuff like that, doing it as laser. It's just getting more- It's less material compared with the extruded stuff.

I: This is also a question of stability, right? And robustness.

P: It is probably stronger doing the box as we got it.

I: But of course like the filigrane shapes as you do with the- over here- you could never do with the laser-cutter.

P: Well, unless you did it with- as with the square box. But you couldn't do as fiddly things with it.

I: That's true. Awesome. Thank you very much for telling us and showing us.

P: It's been quite good fun doing it!

I: Great. Thank you!