

Q = Emilie Scholey (researcher)

X = Undefined voice

F = FS2 girl

C = FS2 boy

R = FS2 boy

Y = FS2 boy

B = FS2 boy

A = FS2 boy

S = FS2 girl

L = FS2 boy

Q ...we might do that if we have time later. Now we're talking today about play....

X Have you been back to the university?

Q Not yet, I'm going to go back in a bit. So we're talking about play and technology. Now technology is a big word and when I think about technology I think about....who is looking at me....

X LEGO?

Q Yeah we're going to do that in a minute. When I think about technology I think about mobile phones, I think about computers, things like this. I think about maybe virtual reality. I think about toys that might connect to the computer or might connect to phones. I think about mobile phones and apps, games you might be able to play on the mobile phone.

X I have an electric car.

Q I know you have an electric car and you have a robot as well don't you? I think about game consoles, I think about robots when I think about technology. I think about really good games you can play on your computer in class or at home. I think about toys like this that might need a remote to control it.

X That's mine.

Q Is it? So I think about lots of different things when I think about the word technology and toys and play. Now when I'm at home with my little boys, and you know my two little boys....

X [FS2 boy B] and [FS2 boy A].

Q That's correct, [FS2 boy B] and [FS2 boy A], do you know what I do?

X Do you ??? little [FS2 boy B]?

Q No big [FS2 boy B]. When I'm at home with big [FS2 boy B] and [FS2 boy A], the technology we use, I'll give you some examples. We might watch television, which is a type of technology, and we watch films together. Or we might play on games on the TV. We

sometimes play games against each other, and do you know what guess who always loses – me, I never seem to be able to win the games they play.

X ??? with my mummy and my daddy.

Q Do you?

X And normally my dog wins.

Q Your dog wins? And sometimes I play on a camera, they've got a VTech camera. Do you know what they do, they take pictures of me and they put things on my face and make me look all silly. Now it's very funny, we have a laugh and we do that. Sometimes I play with big [FS2 boy B]'s robot and he can make the robot pick things up and throw it. And he can programme the robot to code it to move forwards, sideways, backwards and do lots of exciting things like that. We also play a game called Little Red Riding Hood.

X Yeah I play that one.

X And my grandma as that at her house.

Q It's really clever because it's in your house and you can see the characters moving on your carpet. And I can take Little Red Riding Hood around the forest to collect things using a tablet, our iPad. So there's lots of really interesting technology we use at home to play with. Now I want to know from you, what is the best technology, best things at your house? Could it be your iPad, your tablet, could it be TV, or could it be a toy that you've got that connects to the computer? Or is it a video game.

X No my favourite is TV ???

Q So how does it make you feel? So what I want you to think about, what is your favourite, [FS2 girl F] and [FS2 girl S], what is your favourite toy at home or technology you might play with at home.

X Is [FS2 boy B] at this school?

Q He is, he's upstairs in [another class]. And how does it make you feel? So when I play with these toys at home with [FS2 boy B] and [FS2 boy A], so it might be on TV, it might be on the computer, or it might be a toy they've got, it makes me sometimes feel very happy and very excited because I think 'ooh I might win this game' or 'I might be able to turn the robot to do this'. What kind of things do you like playing with at home that.... one at a time. We'll start here with [FS2 boy A] and work our way round like a big circle because we've got to listen to each person. So [FS2 boy A], think about a toy at home, think about these ones we've looked at, do you have any of these at home? What do you like the best, and why?

A A Spiderman where you have ??? but I lost the ball.

Q A Spiderman....?

A ??? but I lost the ball.

Q And a ball, it's got a ball has it?

A Yeah.

Q And what do you do with the Spiderman and the ball?

A Shoot the ball out the ??? shoot ??? house but I can't find it anywhere.

Q And why do you like that so much, how does it make you feel [FS2 boy A] when you play with Spiderman and the ball? He shoots a small ball around his house he said, that's good fun isn't it? How does it make you feel? Do you like it?

A Yeah.

Q Why do you like it?

A Cos it's a little bit ??? my mum plays money for it.

Q You have to do what sorry darling?

A My mum got money for it.

Q Because you mum gets money for it?

A Yeah.

Q Thank you very much [FS2 boy A]. So [FS2 girl S], [FS2 girl S]'s going to tell us all what her favourite toy is at home. Have you got any ideas [FS2 girl S] what your favourite is, or anything you can think of that you like playing with?

S A robot toy is my favourite.

Q You've got a robot toy at home, what does it do?

S It turns that way, and it can scoop it with a boot ???

F You can't come in.

Q Wow. How does it make you feel when you play with that robot? How does it make you feel [FS2 girl S], how does it make you feel when you play with that robot, do you like it?

S Yeah.

Q [FS2 girl F], what's your favourite toy at home?

F My favourite toy at home is the elephant now ??? actually it is my beep-beep.

Q Sorry I can't hear you?

F It's my beep-beep.

Q What's that?

F It's only a dinosaur.

Q It's a dinosaur you've got at home? And what does it do? Why is it your favourite toy?

F It's fun. I play with them and it doesn't do anything.

Q Does it not do anything? Is it just like a plastic dinosaur, but you can pretend it does things can you? That's great. What about you [FS2 boy B]?

F He can do a flip. He can do a front flip or a back flip.

Q Wow, that's amazing. What's yours [FS2 boy B]?

B My favourite thing is my robot.

Q Your robot. We talked about your robot earlier, didn't we? That's your favourite. And why do you like your robot so much, how does it make you feel when you play with it?

B I think it's funny because it can make food. I don't know why it can make food.

Q So it can make food and it's funny. Yeah? [FS2 boy R].

R I've got a real dinosaur that it can move and it can roar and it can walk. And there's a button and a switch.

Q And does it connect to your computer or anything?

R No, you can play with it and also you can make it walk, it doesn't have controls, it can walk by itself.

Q It can walk by itself, that's amazing. And [FS2 boy L] what's your favourite toy at home, have you got any of these toys at home, any of these technology toys at home?

L Erm....iPad train.

Q An iPad train.

L No I've got a train game on my iPad.

Q Oh, tell me about your train game, let's listen to [FS2 boy L]'s train game.

L And all you have to do is move....all you have to do is push the pedal up and then the numbers go down.

Q And what's that, on your iPad?

L Yeah. And kind of when you get to the station then you stop and then go to another station which says Stop.

Q Wow. And what do you do when you play the game, how does it make you feel, why do you like it?

L And then you stop and then music comes on.

Q Music comes on when you stop?

L Yeah.

Q Wow. And what does it make you feel when you're playing that game?

L And then you get a trophy when you stop.

Q Oh you get a trophy, everybody wants a trophy don't they, trophies are good to collect. Do you like getting a trophy?

L Yeah.

Q OK. [FS2 boy Y] what's your favourite toy?

Y Once my friend [boy's name] got a present from my brother and me that was three? dinosaurs, and it had remote controllers. And when you pressed buttons and it can lift books.

Q It can lift books in your house, that's a strong dinosaur isn't it? [FS2 boy C], what about [FS2 boy C], what's [FS2 boy C]'s favourite toy, shall we listen to [FS2 boy C] now?

C I've got a big train.

Q A big train. Does it connect to a computer like any of these?

C No, it doesn't do anything. And it can move on its own without me in it. It just goes round and round in a circle. And it can fly.

Q It can fly as well, a train that can fly? Well I've got a train at home and I can control it with my mobile phone on the train track, so when I want it to go fast I can move it with my finger on my phone and the train goes 'choo' really fast around the train track. It's called a Brio train. I love playing with it. I feel like I'm a proper train driver.

C How do you stop the train?

Q Yeah, so I can press Stop on my phone and it stops.

C So you pull the pedal down, then just hit the brakes.

Q Yeah, so I can control the engine on the train, I can go fast, slow....

C And then you choose another, you don't choose the level?

Q No, so I can go up levels.

C Yeah but you can't choose another page because it's empty.

Q OK.

C This is all we've got.

Q Yes, yes, it's all on one page so I can see what I'm doing.

C Yeah, there's only 3 pages on mine.

Q OK, 3 pages. Right.

C And I chose....no.

Q Do you know what my worst toy.....is everybody listening. So my worst toy at home – are we all listening, can everyone see my fingers, can everyone see my fingers? Do you know what my worst toy is at home? Do you know what my worst toy is that I played with?

X No.

Q It's a virtual pet. So one of my little boys has got a virtual pet, which is not a real pet but it's on his tablet and he has to look after it all day and all night. And do you know what, sometimes he lets me look after it, and do you know what, I'm not very good at remembering to feed it. So I would say that's my worst technology toy because I can't remember to look after it because it's on my little boy's iPad. Is there anything you don't like playing with because you don't feel very happy playing with it or it makes you feel...

X I don't like playing with cars.

Q With cars? Why?

X Because they're old and I don't like it.

Q Are they old toys are they?

X Yeah. Can I go and play?

Q Two minutes. We're going to make a toy in a minute, OK. Can anybody tell me – last question before we do our own building of a toy – can anyone tell me anything that they like playing....

X I think I've nearly done it, I like making robots.

Q You like making robots. Can anyone tell me anything they might do, like dressing up after they've played with a game? For example, when I watch....who has watched The Greatest Showman here?

X Me.

Q When I watch The Greatest Showman on TV I get dressed up afterwards, because I love dressing up. Does anybody do anything that they might play with and then afterwards it might make them think 'oh I'm going to have a go at that'? For example, another example, I do science experiments at home because I watched something on the computer about science experiments, so I make my own science at home. Do you do anything like that? Yes [FS2 girl F] you've got your hand up.

F I've got a robot and it can even....when you say something and she just does it.

Q It does what sorry?

F You just say it by itself and talks back.

Q Does it, so it copies you and mimics you what you say, you copy, that's good.

F I've got a real parrot book. When you say something....

Q A pirate?

F No a parrot.

Q A parrot?

F Yeah. And when you say something to it it goes...and then it copies you back.

Q And actual parrot? There's a real parrot in a cage, or a parrot on your computer?

F It's a real one but it lives in my bedroom. I only let it out when I'm there.

Q Does anybody do any dressing up here, anyone got any fancy dress clothes?

F And, do you know what it can eat?

Q You have [FS2 boy Y], what do you....we'll come back to you in a minute. What do you do [FS2 boy Y]?

Y I dress up with my Ironman costume.

Q What costume is it?

Y Ironman.

Q Ironman costume, wow.

X I've got an Ironman costume too.

Q You've got an Ironman costume as well at home, wow.

X Me too, I've got one.

Q So you've all got Ironman costumes. What about you two, have you got any costumes you like dressing up in? Who likes making dens here or doing science experiments and things like that? What do you do [FS2 boy A]?

A I make a tent.

Q You make a tent. How do you know how to make a tent, I'm intrigued, how do you know how to make a tent?

A I put blankets and where you put your clothes when it's dry and then that's how you make a tent.

Q And how do you know how to make a tent, have you seen it on something or read it somewhere, or seen a picture of a tent?

A Yeah.

Q Where?

A At my home.

Q At your home. OK, right, I've got a big, big task for you all to do now, do you think you're able to do it? OK can you all sit down on the chairs. All sit down. Are we ready and listening very carefully? Now we've been talking a lot about toys and your favourite toys, and technologies, we're thinking about computers and toys that might connect to our phones or iPads, like my train that I can control with my phone. We've talked about robots and things like that. I want you all now to think about a toy that you would like to play with but it's not been invented yet. Do you know what I mean by 'invented' [FS2 boy C]?

C Yeah.

Q Something that you would like to be able to buy or use as a toy but you can't, you haven't got it, but something new that nobody else has got. Do you think you could design and make me a toy that nobody has ever seen before? Do you think you could do that?

R I've got a rescue helicopter and nobody else has one of those.

Q How could you make your rescue helicopter even better if you could at home? How could you design it to make it even better to play with?

R You know I can make it to make you some food and it can give you one of your toys because it's got hands, it's got hands.

Q OK, that would be amazing. I want you all to think of a toy that you want to make or design and draw on paper, or you can make it out of LEGO, you've got a choice. So it could be for example, it might be your favourite teddy bear at home and you could make your teddy

bear move like a robot. Yes. So you've got a choice. Come with me to this table over here, I'll show you what we're going to do.

X I know what to do.

Q Come over here everybody. So, now listen very carefully. We have got two boxes of toys, LEGO – don't touch anything just yet until I say so. You've got two boxes of LEGO and you've got some paper. Now some students and children like to draw their toys that they want to design, invent. [FS2 girl S] can you hear me? Some students want to build it. So you're going to design a toy that you would love to make that's better than any toy....listen carefully....we are going to design a toy that has never been designed before.

X I'm going to make a digger.

Q You're going to make a digger, fantastic. And it's going to be the best toy ever that does things that you'd like it to do, OK. So you can draw it on paper or you can built it with LEGO, that's your choice.

X I might built it with LEGO.

Q OK. I'm only going to give you 15 minutes to design on paper or build it. So I'm going to go round very quickly, listen carefully, I'm going to go round very quickly and I want each of you to tell me are you going to draw it or are you going to build it? [FS2 girl F]?

F I want to build it.

Q You want to build a really cool toy to play with, yeah? [FS2 girl S], what do you want to do, build or draw?

S Build it.

Q Build it. [FS2 boy B], are you going to build or draw?

B Build.

Q Build. [FS2 boy A]?

A Build.

Q Build. [FS2 boy R]?

R Build.

Q Build. [FS2 boy L]?

L Build.

Q [FS2 boy C]?

C Build.

Q OK. What are you going to build, what do you want to build? Tell me [FS2 girl F], what's the task, what have you got to do?

F We have to make our own toy.

Q Make your own toy. And it's going to be the best toy ever.

X And another digger for the telephone.

Q One thing, well it could be a digger that's got a telephone on it couldn't it, how cool would that be? Off you go. Off you go.

X Let's open it.

Q Let's open it, both of them.

X LEGO! LEGO!

Q We're going to put this LEGO on this table here.

General background chatter

X I'm going to make a digger.

X I'm going to make a race car with a controller.

X I'm going to make a digger.

Q Right, now [FS2 boy Y].....can you keep the LEGO separately. So those LEGO go on that table there. So [FS2 boy Y] and [FS2 boy R] you go on that table over there. [FS2 boy Y] if you use that table over there and then.....yeah, good yeah.

General background chatter

X I'm making a rainbow.

Q I'm going to come and ask you some questions about your toys. Something that you want to play with that you haven't got already. What are you designing [FS2 boy L]?

L Hot Wheels race cars.

Q You want to build a race car. How could you make your race car better than a Hot Wheels race car?

L Er....yeah, take this first....

Q Yeah. What do Hot Wheels cars do that you could make better?

L They've got to have wheels.

Q They've got to have wheels. Could you make your wheels better than a Hot Wheels wheel?

L No, not really.

Q How can your car be different to a Hot Wheels car?

L And then you put this across here.

Q Wow. What do you want your car to do, do you want it to do anything special, like jump, or do you want it to break, or could you control it with a computer?

L No not break. You see if you break it you can't have a car any more.

Q No. Could you control your car with the computer or maybe with a phone?

L With the LEGO.

Q You want to control with the LEGO. Would you have a remote control to go with it or not?

L Not.

Q OK. [FS2 boy C] what are you doing?

C I made a controller.

Q You're making a controller. What does your controller do?

C It moves on land.

Q It moves on land?

C Yeah.

Q Is it a vehicle, is it a car or a truck or a boat or....

C Yeah, it's a vehicle.

Q A vehicle.

C And it has big wheels.

Q Big wheels. And do you have anything like this at home already?

C Big ones at the back and smaller ones at the front.

Q Oh that's a good idea. And is it something you've got already at home, or is it better than something you've got at home?

C I don't have any at home.

Q You don't, but you'd like something like this would you to play with? Do you like working with LEGO?

C Yeah.

Q Why do you like working with LEGO?

C And you have three wheels at the front and two at the back.

Q Oooh, I've never seen a car with three wheels at the front, that would be a cool idea wouldn't it? Do you think it will balance or do you think it might topple over?

C Now I need some red.

Q Some red.

X I need some red.

Q Do you think your friends would like a car like this [FS2 boy C]? Do you think your friends would like a car like this? I'll come back to you in a minute. This is looking good [FS2 boy L], looking really good.

L Yeah.

Q So what are we building over here? Remember we are inventing a toy that nobody's seen before, something that you would like to play with that you can't play with at the moment. What are you building [FS2 boy Y]?

Y We're building an aeroplane.

R No we aren't, we're building a helicopter.

Q A helicopter, both of you together?

R Yeah.

Q That's a nice idea to build it together. What's your helicopter going to be like, has it got something different to it, has it got any magical powers or....

R It's got a really good hook that you can hook people with it.

Q A hook that you can hook people with, that sounds a bit scary. Or is it a life saving, like a helicopter that can save people?

R No, it's when you sailed into the water, when you have a lifeboat you can hook the lifeboat with it and then when the lifeboat's hooked it pulls it back up.

Q And how could you make this helicopter different to other helicopters that you've seen in toy shops?

R Because do you know why.

Q Why?

R Because it's really difficult to make it and you need these pieces, like a bell and some alarms.

Q Some bells and alarms on it.

R Yeah.

Q Could you control this helicopter with your iPad or your tablet at home, or your computer?

R We play with it as a toy.

Q It's a toy. But could you use your computer to play with it? Like could you create a game that you could play with using your helicopter? Like you could navigate, you could turn the helicopter to move around the sky as a game couldn't you? What do you think [FS2 boy Y]?

Y Shall I show you what she means, [FS2 boy R]. She means we control, because it's got a plug over here and you play on the iPad.

R No I don't mean that.

Q But you could, like my train at home, you could press something on your computer or your phone or your tablet and it could move, couldn't it. Would that be something you'd want it to do, or not?

R I don't.

Q You do or don't?

R No.

Q You don't? Why not?

R Because otherwise it will go up in to the air, because this bit can spin around.

Q This bit could spin round.

R Yes.

Q But that could be spun with your computer couldn't it, you could press a button and it could go 'chooo' and you could control it with a button maybe. Would that be something you

could think of [FS2 boy Y], what do you think? Do you play any games [FS2 boy Y] on your computer at home, or iPad? Have you got an iPad did you say?

Y My iPad's broken.

Q Oh. Did you have any games on it?

Y Yeah.

Q What kind of games did you have on it? That's looking very good. [FS2 boy A] tell me what you're making.

A I'm making a house.

Q A house. Wow.

A And this ???

Q Have you ever [FS2 boy A], this is a big question, have you ever played on any apps? Do you know apps on phones? Have you ever played where you can build something on the computer?

A Yeah.

Q Have you? What have you played with, can you remember what it was called?

A I watched some people who were playing Mario Kart.

Q With Mario car?

A Yeah.

Q And what do you do with Mario car?

A You need remote control.

Q Have you ever built a city or anything on a computer before, built a building on a computer before?

A Yeah.

Q Have you? What have you done, can you remember? Did you have to have some help with it?

A But I'm doing it right now so I know what to do.

Q Great. Do you think you could do this on a computer? Build a house on a computer?

A Yeah.

Q Wow.

A But my dad and mum would let me do that.

Q Would, or wouldn't?

A ??? I am a ???

Q Very good house [FS2 boy A]. Tell me about the house, what's happening with the house?

A I'm still building it.

Q Still building it. And what kind of house is it, who lives there?

A I could make a person in a second.

Q You're going to make a person to go with it, even better. Are you going to want to build a person to go in your helicopter [FS2 boy Y]?

Y No.

Q No? What makes your house so good [FS2 boy A], what makes it so different to other houses?

A I have a flower there.

Q You've got a flower in your house.

A And it's going to fly away.

Q It's going to fly away?

A Yeah.

Q Do you know what it reminds me of? Dorothy's house in the Wizard of Oz, you know the house flies away. Have you seen the Wizard of Oz?

A Yeah.

X Yeah I have. I've seen it loads of times.

Q And the house flies off. Do you think you could invent something that would make it fly?

A That bit there where the flower is, that bit makes it fly.

Q That makes it fly, that bit there, wow. [FS2 boy B], tell me what you're doing.

B I'm making a camper box.

Q A camper box?

B It's for camping.

Q Wow. And what does your camper box do?

B It's programmed to make whatever you want.

Q It looks absolutely amazing. And any reason why it's got...what's that glassing on the top, does that keep things warm?

B This is the head, this is the head and this records sound.

Q That little antennae thing that's coming out, does it record sound?

B It needs to....it makes people hear ??? sounds.

Q Do you think your friends would want a camper box, would they buy it as a toy do you think to play with?

B Yeah, everyone would want of these camper box.

Q I bet they would. So where would the camper box go, on holiday with you, or just anywhere?

B They go with you for camping.

Q For camping. And what's the good thing about a camper box then, what does it do, it keeps things warm?

B Yeah, it can make a sleeping bag.

Q Oh it actually makes things, like things that you might need on camping. Does it make a blanket and a pillow?

B Of course.

Q Does it make any walking boots, because you might need walking boots on a camping holiday?

B So can. I need two recorders on this.

Q How do you control the camper box, has it got a special remote on it or....

B No you just have to ask it what to do.

Q Oh, and it just does it. Is that like an Alexa or Siri then, do you just talk to it?

B Yeah.

Q Do you think your Alexa or Siri at home could work with that?

B Yeah. No, it can do anything, it's got two recorders. If one of them's broken then it can use a different one. And also, but I don't know how to make the legs.

Time 30:00

Q So in the real world, if that was going to be a toy that you could buy in a toy shop, would it be made out of LEGO or would you make it out of different materials, different things?

B You'd make it out of materials.

Q And would it be the same size or bigger?

B Bigger.

Q How much bigger?

B Loads more bigger.

Q Like as big as you, or bigger than you?

B Bigger than me. And also you could put this bit on.

Q It's a round circular bit, so that could be anything couldn't it, what do you think? It could be a seat, it could be....

B I tried to go up to there.

Q It's like a cog isn't it, it could turn something that round thing, couldn't it?

B And I tried to make that to be the bathroom.

Q The bathroom, oh I like that.

B And the shower.

Q Oh it could be the shower then couldn't it? Or it could be, I don't know, the sink? I've got a round sink at home. Girls, what are we making over here?

S We're making a robot.

Q A robot.

F I'm making this thing.

Q Tell me about your robot [FS2 girl S].

S You put little pink things on it and you eat it.

Q And what is your robot, is it a human being or is it....is it a person, or is it an animal, or is it....what is it?

S It's an animal.

Q And what kind of animal is it?

S It's a dog and a robot.

Q A dog and a robot at the same time. Would you like a dog robot toy then if you were...if you could buy any toy would you like a dog robot?

S You have to get a new house too, we're going to a new house.

Q You've been to a new house? And what does your dog robot do?

S It goes and cleans something up and put it in the bin.

Q Can I please have a dog robot in my house? I need a dog robot in my house because I need things picking up in my house all the time. And if I had a dog robot that would make my life very easy wouldn't it. How do I tell the dog robot to do that, do I have to put it on a lead and make it come with me, or how do you control the dog robot?

S Put batteries in it.

Q Oh it's got batteries in it, yeah.

S Make it even more and follow you.

Q How can I programme it to follow me, would I need to have a computer to make it do that, or a remote control?

S I'm trying to find that purple. I'm going to make this ???

Q How do you control the robot then [FS2 girl S]? Do I need to have a remote control with it, or can I use my phone to do it, or can I talk or something to make it move. Or what do I do, how do I make it move?

S You have to have a walkie talkie.

Q A walkie talkie, like talk into it and it will follow me.

S We threw my walkie talkie away from, my unicorn. We threw the walkie talkie from my unicorn.

Q Oh, did you have a unicorn with a walkie talkie.

S Yes, and now it's thrown away.

Q Oh, well this is good, you've invented a new toy haven't you, a new toy that nobody's seen before. What about you [FS2 girl F], what are you doing now, that looks very interesting.

F I'm making a robot with some wings. Like these are the wings and these are the other wings.

Q So your robot's got wings. I don't think I've ever seen a robot with wings before. How can I make the wings move, or do they move?

F They move with....they move with....they move, it moves, because when you talk to it and it moves and you have to keep on going then it will move.

Q OK, so if I talk to it it will move. And do I need anything to help me move it, do I need a computer or a phone, or anything, TV?

F Actually you need a computer.

Q A computer. What does a computer do?

F This one is magic.

Q A magic computer, wow. What makes it magic, how is it magic?

F Because it is.

Q Has it got a special magical skill? Has it got a wand, or....

F We need a wand.

Q A wand. I'm going to come back in a minute and look at your robot when you've finished it, is that OK?

F Yeah.

Q This is so good, I'm so impressed with all of you. What amazing toys. You know if I was going to buy a toy for Christmas I'd have to come and have a look at these toys because these are so interesting, they all do different things don't they? Wow. Tell me about that [FS2 boy Y], what have you done there?

Y It's a helicopter.

Q What part of the helicopter is that?

Y It does the heli part.

Q So is it the bit where you sit though, or is it the bit where....what happens to that bit, what does that bit do?

Y That bit?

Q Yeah.

Y It's the bell, it's holding the helicopter.

Q Ah, that's the bell is it, that bit there? Oh wow. When do you use the bell? How can you use....the bell's got a light on it hasn't it? Do you know what would be really good, if I could like be at home now and I could press a button and then that would light up and you didn't expect it and you'd think 'well how has that just lit up like that', your bell lit up. That would be really good wouldn't it? Would you like any lights on your helicopter or anything?

Y We've already got a light.

Q Yeah. Does that light up?

Y No.

Q Would you like it to light up?

Y Yeah.

R No.

Q You could invent anything, so maybe you could make it light up maybe? What colour light is it? Is it orange? You've got lots of orange lights there, are they lights, or what are they?

Y Lights?

Q These bits here, what are these?

Y Lights. Big lights.

Q Big lights, I like that. How are we getting on over here?

C This is a train. It can even go fast as ???

Q So what have we got here now? So tell me about your toy that you've invented.

L My race car Hot Wheel.

Q Race car and a train.

C Yeah.

Q Together?

C Yeah.

- Q As one thing, or two separate things, is it all joined together?
- C And the fire comes out of here.
- Q What does?
- C Fire comes out of here.
- Q Fire? Actual fire, real fire? Wow.
- L And [FS2 boy C]'s car is the fastest. Mine, it can fly fast.
- Q So yours flies?
- L Fast. My car goes fast.
- Q Is that what you'd like, a really fast car?
- L Yeah.
- Q And what does your car do [FS2 boy C] that makes it so special?
- C Mine is a fast car. We can go faster than his.
- Q Can it?
- C Yeah it's got two boosters. Actually it's got 300 boosters.
- Q 300 boosters. Can you control your car, or does it just do it by itself?
- C You just ???
- L The chair goes on here, and then there's going to be a disco in there.
- Q A disco
- L Yeah.
- X [FS2 boy L], what are you making?
- L A race car, a Hot Wheel race car.
- X And what are you making?
- C I'm making a fast speedy car.
- X Faster than his?
- C Yeah it's got 100,000 boosters.

Q The boosters are fantastic, I love the idea of boosters.

X Where are the boosters?

C Right there.

Q It's so good.

C So when the booster comes that will flip up like that, and then you push that down and then this will come off and then it goes fast.

Q I can't believe that, that's really good that.

C And if you put that back on it goes back up.

X Please can I have this purple thing?

Q Of course you can have the purple thing. So [FS2 boy C], how do you control that to do that, do you have to press it with your fingers or can you do it with a remote control, or do it with your phone?

C No you could press this.

Q Could you do it with a phone or computer?

C No, I can even do it like this. Press that button and then knock this one down, and then that will go down and then one of these they will....

Q They all detach themselves.

C And then they undo and then you put them back, and then they don't fit, and then they do fit, and then...

Q How does it make you feel when you do that?

C Really good.

Q Really good.

C It goes really fast.

Q Really fast. So is speed important with a LEGO car?

C Yeah, and even Jackson Storm goes fast.

Q Who is Jackson Storm?

C That's one of the film. I've got....

X It's Jackson and the beanstalk.

- C I haven't got Jackson Beanstalk, I haven't got that film. I have got....
- Q Do you like watching....do you ever play computer games that are....
- L I've got the spy game.
- Q Yeah, what's the spy game?
- L It's got Lightning McQueen in it and it's got the....
- Q Oh Steve McQueen?
- L Yeah, McQueen's in there.
- X Lightning McQueen.
- L He already goes in the race car.
- Q Right OK.
- L He's the fastest one.
- Q So do you play that game on a computer at home, or....
- L Yeah I do, but it doesn't go fast, doesn't use the ??? so what it does, because it's ??? couldn't stop.
- Q Doesn't stop, or does stop?
- L Yeah, because I couldn't stop away from the races. Then it keeps going on and then they crash into mine, into the game.
- Q Oh, and do you not like that?
- L Well I did.
- Q Yeah. So you're saying the Steve McQueen game, the car goes too fast, [FS2 boy L], the car goes too fast does it on the Steve McQueen game?
- L It's McQueen game.
- Q And does it not stop when you want it to.
- L I want it to stop and it didn't stop.
- Q Doesn't stop. Well how can you make it stop, how do you make it stop?
- L Make it.

Q Is there a way of making it stop, is it on your computer?

L Yeah, and it had no brakes inside it.

Q Oh, so would it be better if it had brakes?

L Yeah.

Q Would it, OK. Thank you very much. How are you getting on [FS2 boy R]?

X I need to....mum, I need, when we get home I need to...

Q Practice your line.

X No my owl costume, to see if it fits me.

Q OK. So [FS2 boy R] have you finished that helicopter?

R Not yet.

Q Let's have a look at it then. Shall we have a look at the helicopter. Tell me what this helicopter does now, it's getting bigger and bigger isn't it?

R And this is where it can get.....???

Q Have we finished that nearly now?

R Yes we've nearly finished.

Q Has it got any special things it does I don't know about yet, because I know it's got a spinny thing and it's got a light. What else does it do?

R The bell is a light bell, it's a light bell.

Q It's got a light bell, it's got a hook hasn't it that can hook people you said. And is this a toy that you would like to buy in a toy shop if you could?

R Yeah.

Q Would you think everybody would want to buy this?

R Yeah.

Q Why would they want to buy it, what's special about it that's different to other helicopters?

R Because it's awesome.

Q It's awesome, I like it.

B Look at my camper box, everyone will want to buy my camper box.

Q Why? Tell me why. It's very good.

B Because it's so cool.

Q It's so cool. What's cool about it?

B Because it has wheels and it also has flashing lights.

Q Flashing lights as well. And can you control it with any...could I control it with my phone or computer, or a remote?

B Of course. Press the button on there and then this will move.

Q So if I press the button on my dictaphone it will move somewhere, and it will light up and like flash, flash, flash?

B Yeah. Do you want to press one?

Q Beep! Look at that, it's moving. I love that. A camper box. That's fantastic. So I'm going to press a button on here, what happens now? So the helicopter attaches itself under that. What's that bit there? The base?

B And that is the phone.

Q The phone, it's got a phone on it?

B Yeah.

Q What do you need a phone for on a helicopter.

B If there's another emergency and then we're going to make an aeroplane.

Q Fantastic. And what's happening with the house here [FS2 boy A], this house is getting much bigger.

A Well I don't think..... there's not a wall there but I think ??? then you bump into something.

Q And is it still a flying house this, [FS2 boy A]?

A Yeah.

Q How does it fly? How do you fly it?

A I need to have my controller.

Q You need to find your controller. Right I'm going to give you a few more minutes and then we're stopping. How are we getting on over here?

F Look what I've made.

Q What have you made there?

F It's a robot and it can fly and then it falls.

Q Then it falls?

F Actually ??? and can fly into the moon.

Q It can fly to the moon? That's a very special thing it can do.

S Mine goes upside down.

Q Upside down?

S Because I'm a flower ???

Q Could you turn it into a game or anything, could it be a game on a computer?

S Have to have a walkie talkie, this is a walkie talkie.

Q It needs a walkie talkie that doesn't it, you like the idea of a walkie talkie, yeah.
What's that green thing at the top?

S ???

Q Is that a microphone? What else can it do, show me. What's that white thing at the top there [FS2 girl S]?

S This?

Q Yeah, what's that?

S ??? my radar. You can talk through it and then you can press the top of the blue and then it makes a funny noise.

Q Oh so it makes noises as well, that's interesting.

B I made this. This is the same thing as that.

Q Oh so yours has got a dictaphone in it as well your camper box.

B It's not a dictaphone. Do you want to talk at it?

Q OK. 'Hello there, how are you feeling today', I'm talking into it now. Does it reply back?

B 'Hello, how do you feel today'.

Q Oh it's copying me. I like that idea.