Video activity: [**https://www.youtube.com/watch?v=JXYmpqdhHzg**](https://www.youtube.com/watch?v=JXYmpqdhHzg)

1:29-3:50

We can go from taking a still photo to mapping out a whole 3D scene. So, this actually is what was taken from a 2D**………………………** in our office in Seattle. And from the still photo we constructed a 3D scene. And now, because it's a 3D scene we can **………………………**. How crazy is that? Crazy. All right. We can change lighting, we can turn the lighting down, we can move the lighting from the front of the room to the back, and you can add erm... **………………………** You know we can fill the room up with water if we want. Again, it's got the depth right. You can add a lot of bouncy balls, we're fond of bouncy balls and we can fill the room up with **………………………** Because the future is delicious.

We also have some of the best computer vision and **………………………** in the world. So that's going to help you identify different things in the scene to help you surface relevant effects that you want to **………………………**. So, you're going to **………………………** on the coffee mug and we're going to service effects that are relevant to coffee. That's you get steam, you can add a second coffee mug so it looks like you're not drinking, they're not having breakfast alone. You even tap on the wine bottle and you can add an information card right that shows that shows erm...what the **………………………** of the wine is and you know what the **………………………** is and maybe where to get it or maybe in the future even a link to buy it.

So, here's an example of a father playing an augmented reality game with his kids in the waiting room at the doctor's office. We're using the table in the waiting room as the the game board for a **………………………** and the kids can kind of slap the bad guys before they get to you.

You know, this is actually a piece of Facebook headquarters and you know without augmented reality this actually just **………………………** a blank wall but when you're in augmented reality you get this beautiful **………………………** not just a painting on the wall but it **………………………** the whole space. Now, one of the things that I've always wanted to do is erm…is leave notes for friends in different places. I'm so talking about sharing a note to tell your friend **………………………**, right next to the sign of the special for the restaurant. And long-term all the work that we're doing here is going to go into glasses that we all want. It's all the same technology and this is another step on the **………………………** there.