

Teacher

Okay. So today we are going to be using one of these. Can you all see that?

Student 1

Yeah.

Teacher

Who can tell me what it is? Sophie?

Student 2

Protractor.

Teacher

It's a protractor. What I use a protractor for? And it looks pretty. It's a nice colour. I like this colour. Ashley?

Student 3

Angles.

Teacher

Angles. What about angles?

Student 3

To [00:46] degrees of angles.

Teacher

Okay. So why is it only a half a circle then?

Student 3

Because that's half a – 180 degrees.

Teacher

180 degrees, good. Can anyone else tell me anything about protractors? Yes, Ray?

Student 4

They come in different colours.

Teacher

They come in different colours, which is very important. Okay. So who can tell me how I'm supposed to use one of these protractors? I've got a big one here, and an angle on the board. I want to measure this angle. How am I supposed to do it? Michaela?

Student 5

Pin it down using the dot in the middle, and you need to put that onto the point at the end.

Teacher

Like that?

Student 5

No.

Teacher

No? Yes?

Student 6

Put that little point on the inside of the circle...

Teacher

Inside the circle? I could...

Student 6

No [01:39]

Teacher

No? Like – no?

Student 6

Straighten it out.

Teacher

Okay. Would you like to come up and show me? Oh, okay, like that. Can everyone see that?

Group

Yes.

Teacher

Okay. In the middle of the protractor there's a little point, and you put that right in the corner. I'm not finished yet, Jessie. Can you come and tell me – can you tell me how many degrees that is?

Student 7

Fifty.

Teacher

Fifty degrees. How can you tell that's fifty? You look at that number?

Student 7

It's going up with that one.

Teacher

Okay. But why – I've got 130 here. Is that – is it 130? Because there's two numbers.

Student 7

Oh, okay.

Teacher

Which one is it?

Student

The one inside.

Teacher

Okay. So I see that starts from that side there. This one gets [02:39]. Can someone else – thank you, Jessie. Lance?

Student 8

Fifty.

Teacher

Would be 50? Okay. So on every protractor there's two sets of numbers, okay. But you always measure – it depends on which way the angle is going from, okay. Does everyone understand that? Yeah? So what we're going to do now is, I've got a lovely little worksheet with some angles on it, and I'm going to hand out some protractors shortly, and if you would like to measure all of the angles on here, and there is a secret message encoded which I'm going to tell you about now. (Laughter) Okay. So when we are talking about angles sometimes you'll see angles with letters on them, like this. Does anyone know what that means?

Student 8

Dog.

Teacher

Dog? It means dog? Woof. Like that, okay? How am I supposed to say that this is an angle? There's a special little sign. Svetlana?

Student 9

The little [03:55] under the [03:56].

Teacher

Why the 'o'?

Student

Because that's the way the angle [03:59].

Teacher

Okay, that's the angle that I want to measure. Okay? And on this worksheet here, okay, you see that I've got all of these angles and labels, and I've got a lovely little point above the angle that you're supposed to measure. Okay? And did I say there was a secret message?

Group

Yeah.

Teacher

Yeah? Okay. See if you can figure that one out, too. All right. Matthew, can I please get you to hand out some protractors? Ryan, can you hand out these? And Kelly. Thank you. You can start as soon as you get a protractor on your worksheet. (Laughter) Okay? And if you have any questions about the protractors please raise your hands. Angles are [difficult 04:55]. It's okay. I think Helen's just got the rest of them. Oops, that's a wrong one. Go on to [05:09] - that one from, that's it. You've all got one? Okay.

Thank you. Would you like to sit with him, Sophie? Is it all right if [05:54] around here? Thank you. See if you can keep an eye on him and his [06:03]. There you go. Here's an eraser. You've got a pencil? Thanks. Here you go [06:27]. Here, okay. Good job.

End of recording