Fluency 1

Blue rectangle = 12cm
Yellow rectangle = 10cm

Fluency 2

Green rectangle = 24cm

Fluency 3

Perimeter = 16cm   Perimeter = 13cm

Fluency 4

Perimeter = 16.4cm   Perimeter = 14.1cm

Reasoning 1

Modelled DAB Reasoning Responses

D – Sometimes

A – You only need to measure a long side AND a short side.

B – If you measure a long side and a short side, you can double each measurement to find the perimeter. If you measured two long sides or two short sides then you would not be able to find the perimeter

Reasoning 2

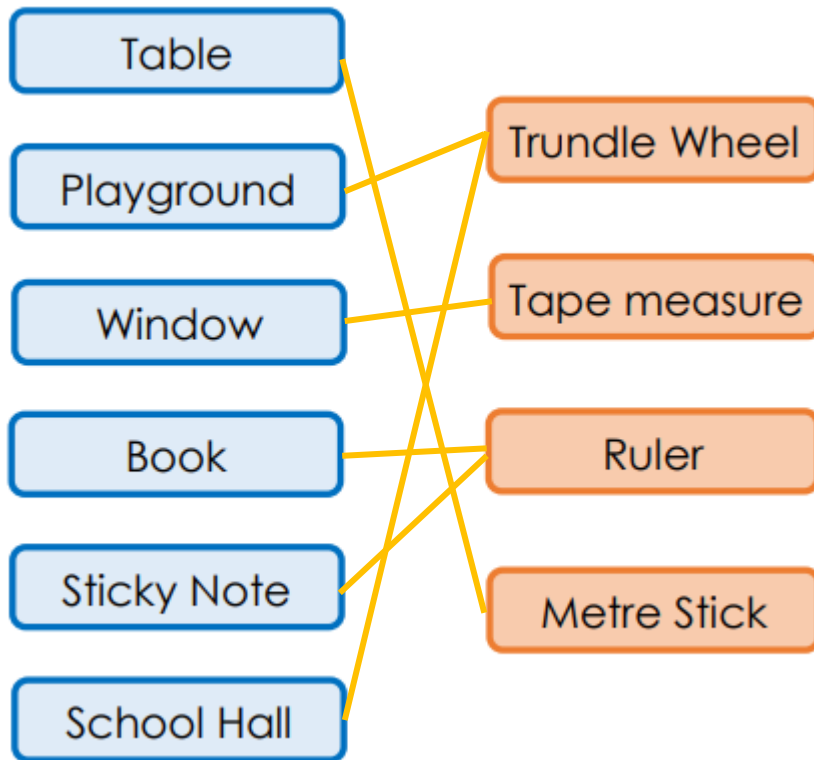### Modelled DAB Reasoning Response

D – I disagree with Darcey.

A – The shape has a side missing so is incomplete so the perimeter cannot be measured.

B – To measure the perimeter of the shape you need to make it a complete shape like this one:

Reasoning 3

(Answers are subjective depending on the resources available and size of items described in child's proximity.)

Problem Solving 1

Children should work out that each side of the square has a perimeter of 5.

Possible solutions include: