Workshop: Starters

Mirjam Bos
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Why do we use Starters?

We use them as:

– an energizer, to push the math button
– an introduction of a subject and to estimate prior knowledge
– to differentiate
– to make groups
– to repeat subjects
Features of a good starter:

- Activating/motivating \(\Rightarrow\) playful
- The subject has to match with the math goal
- Low threshold or different kind of levels
- Expand, vary or adapt to the target group
Energizers

- 1,2,3
- 1,2,3,4,5,6, flip
- 24 game, with target ticket
Introducing a subject

- Fraction tickets.
- Little assignments:
  - measure, weight,
  - Secret assignments, (find your way by following the instructions)
  - Making and baking with weight and measures
- Rent-a-room
Fill in the size of each object on the form.
You can use a form, so the students can pick the right size

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Santa Claus</td>
<td>800 m</td>
</tr>
<tr>
<td>Central station</td>
<td>7 m</td>
</tr>
<tr>
<td>Erasmusbrug</td>
<td>75 cm</td>
</tr>
<tr>
<td>Cat</td>
<td>40 m</td>
</tr>
</tbody>
</table>

Or just let them guess.....
The Height of Santa Claus
The length of the Erasmusbrug
The height of Rotterdam Centraal
The length of a cat, its tail included.
And so on, and so on......
Answers:
- Santa Claus: 7 m
- Erasmusbrug: 800 m
- Central station: 30 m
- Cat: 75 cm
Make this quiz with buildings and other objects from your hometown or your country.
To differentiate

- Buy with discount
- Recipes
- Assignments with different levels
- Fraction tickets
Bolsius Aromatic

Geurtheelichten
In diverse geuren.
Per set 2.99
1.99

Geurkaars in glas
In diverse geuren.
Per stuk 2.99
1.79

Lantaarn
Verkrijgbaar in 2 maten: 14x14x25 en 17x17x32. Excl. kaars of LED-bloemen.
Per stuk vanaf 6.99

Huishoudkaarsen
Lengte 21 cm. Ca. 6 uur brandtijd per kaars.
25 stuks 4.0
24 stuks 3.50
100 stuks 2.75

Blokker

Stippen Korting
20%
10%
40%
30%
50%
Making groups

- Stand in line of birthday, age, length
- Find your buddy:
  - square and square roots
  - the same answers,
  - percentages, fractions and decimal numbers
  - etc.
target ticket

- Tickets: 10  4  5  7  1
- Target ticket:  4

- $10 : 5 = 2$
- $1 + 7 = 8$
- $2 \times 8 = 16$
- $16 : 4 = 4$
Thank you for your attention