

# Multiplication tables check (MTC)

**Association for Achievement & Improvement  
through Assessment (AIAA)**

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Standards  
& Testing  
Agency

# Problem

There are pupils who still go to secondary school without being able to adequately recall their times tables.

2015 and 2017 Government Manifesto: “***Every 11 year old will know their times tables off by heart by the time they leave primary school.***”



# Need

A digital form of assessment designed to help ensure children in primary school know their times tables up to 12 'off by heart'.

# Solution

The multiplication tables check.



# Some challenges

- Implemented nationally
- A fair assessment
- Inclusive
- As least burdensome on schools as possible
- A check of fluent recall, not mental arithmetic



# User research so far



# Research with pupils

**128**

school visits

**300**

mainstream  
year 6 pupils

**753**

mainstream  
year 4 pupils

**398**

additional needs pupils  
(year 3-6)



# Research with school staff

**128**

school visits

**64**

School staff

**73**

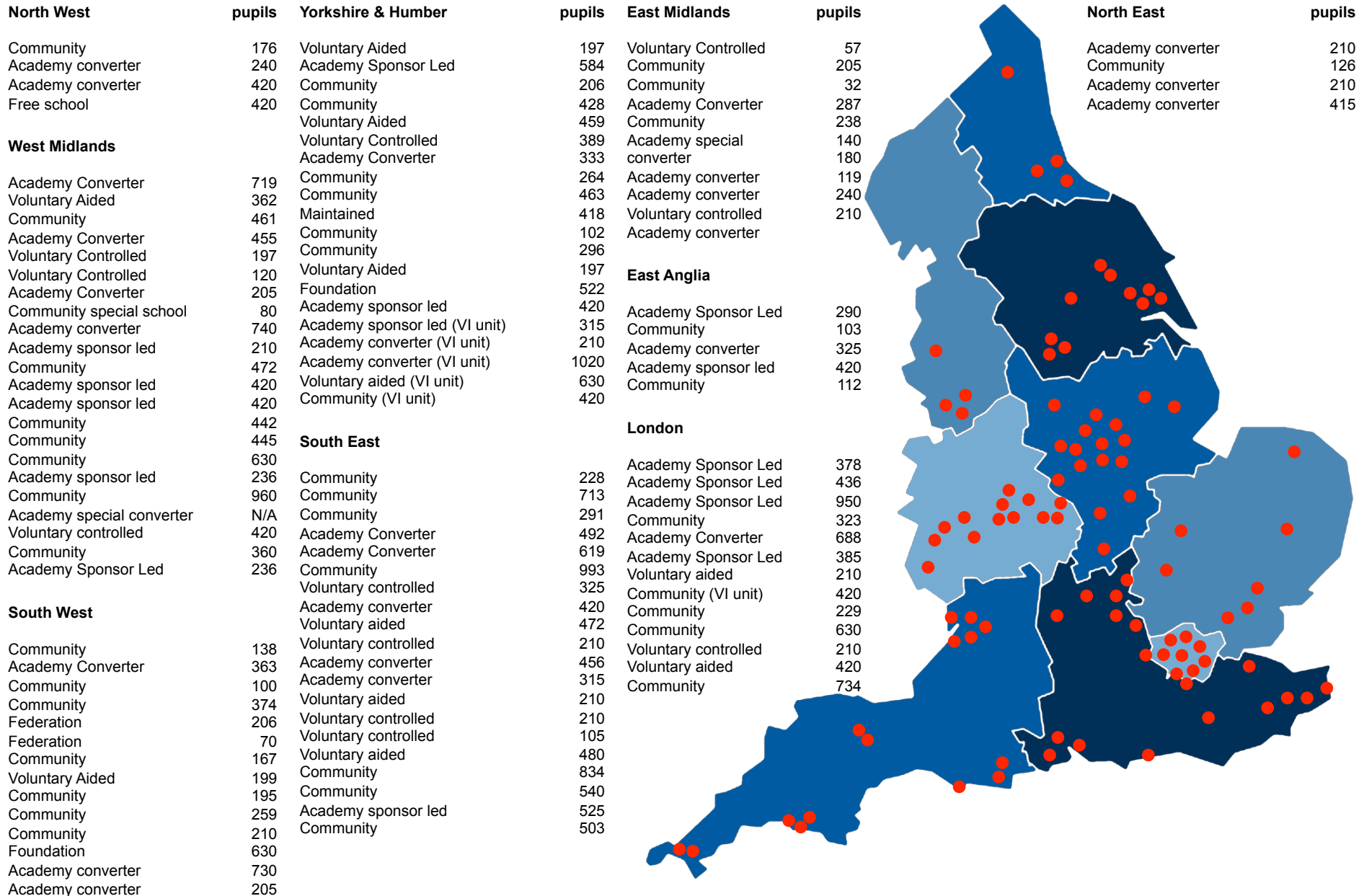
Middle  
management

**106**

Senior leadership  
team



# School visits coverage






# MTC trials

Trial	Date	Schools	Pupils
Proof of concept	June 2016	115	2698
1 <sup>st</sup> private beta	June 2017	84	2829
2 <sup>nd</sup> private beta	Feb 2018	55	2113
Question timing	March 2018	50	1137
Technical pre test	June 2018	231	5275




# Demonstration

 **GOV.UK** **Multiplication Tables Check**

Remaining time: **5**

$11 \times 2 =$

1	2	3
4	5	6
7	8	9
	0	Enter

# Further information on GOV.UK

[MTC framework](#)

[MTC development](#)

