Music playschool enhances children's linguistic skills
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Supplementary information

Table S1 The main effects and interactions for *Phoneme processing* test scores. The significant results are marked in bold.

Main effects and interactions	F	p
Time	$F(1, 177)=142.997$	**p< .001**
Music playschool	$F(1, 55)=8.121$	**p=.006**
Dance lessons	$F(1,55)=3.232$	p=.078
Mother's education	$F(1,55)=.584$	p=.448
Music playschool x Time	$F(1, 175)=8.547$	**p=.004**
Dance lessons x Time	$F(1,176)=1.652$	p=.200
Mother's education x Time	$F(1,176)=.779$	p=.379
Music playschool x Mother's education	$F(1,55)=.898$	p=.347
Dance lessons x Mother's education	$F(1,55)=.355$	p=.554
Music playschool x Dance lessons	$F(1,55)=2.884$	p=.095
Music playschool x Dance lessons x Time	$F(1,176)=.678$	p=.411
Music playschool x Time x Mother's education	$F(1,176)=1.815$	p=.180
Dance lessons x Time x Mother's education	$F(1,176)=2.284$	p=.133
Music playschool x Dance lessons x Mother's education	$F(1,55)=1.836$	p=.181

Table S2 The main effects and interactions for *Vocabulary* test scores. The significant results are marked in bold.

Main effects and interactions	F	p
Time	$F(1, 176)=95.535$	**p< .001**
Music playschool	$F(1,55)=2.722$	p=.105
Dance lessons	$F(1,55)=2.667$	p=.108
Mother's education	$F(1,55)=1.795$	p=.186

Main effects and interactions	F	p
Music playschool x Time	F(1, 174)=7.301	**p=.008**
Dance lessons x Time	F(1,175)=.019	p=.892
Mother's education x Time	F(1,175)=.004	p=.950
Music playschool x Mother's education	F(1,55)=.097	p=.757
Dance lessons x Mother's education	F(1, 55)= 4.953	**p=.030**
Music playschool x Dance lessons	F(1,55)=2.540	p=.117
Music playschool x Dance lessons x Time	F(1, 175)= 10.767	**p=.001**
Music playschool x Time x Mother's education	F(1,175)=2.101	p=.149
Dance lessons x Time x Mother's education	F(1,175)=3.662	p=.057
Music playschool x Dance lessons x Mother's education	F(1,55)=2.511	p=.119

Table S3 The main effects and interactions for *Perceptual reasoning index* scores (i.e. the sum Block desing and Matrix reasoning scores). The significant results are marked in bold.

Main effects and interactions	F	p
Time	F(1, 176)=99.424	**p< .001**
Music playschool	F(1,56)=.112	p=.739
Dance lessons	F(1,56)=.581	p=.449
Mother's education	F(1,56)=.000	p=.991
Music playschool x Time	F(1,175)=.545	p=.461
Dance lessons x Time	F(1,175)=.725	p=.396
Mother's education x Time	F(1,175)=1.062	p=.304
Music playschool x Mother's education	F(1,56)=.018	p=.893
Dance lessons x Mother's education	F(1,56)=.436	p=.512
Music playschool x Dance lessons	F(1,56)=.056	p=.813

Music playschool x Dance lessons x Time	F(1,175)=1.817	p=.179
Music playschool x Time x Mother's education	F(1,175)=.497	p=.482
Dance lessons x Time x Mother's education	F(1, 175)=4.320	**p=.039**
Music playschool x Dance lessons x Mother's education	F(1, 56)=6.721	**p=.012**

Table S4 The main effects and interactions for *Inhibition* test scores. The significant results are marked in bold.

Main effects and interactions	*F*	*p*
Time	F(1, 179)=9.103	**p=.003**
Music playschool	F(1,55)=.010	p=.922
Dance lessons	F(1,55)=.199	p=.657
Mother's education	F(1,55)=1.105	p=.298
Music playschool x Time	F(1,176)=1.536	p=.217
Dance lessons x Time	F(1,178)=.963	p=.328
Mother's education x Time	F(1,177)=.124	p=.725
Music playschool x Mother's education	F(1,55)=3.308	p=.074
Dance lessons x Mother's education	F(1,54)=.618	p=.435
Music playschool x Dance lessons	F(1,54)=.163	p=.688
Music playschool x Dance lessons x Time	F(1,177)=.016	p=.900
Music playschool x Time x Mother's education	F(1,177)=.009	p=.925
Dance lessons x Time x Mother's education	F(1,177)=1.246	p=.266
Music playschool x Dance lessons x Mother's education	F(1,54)=.001	p=.973