Influence of problematic child–teacher relationships on future psychiatric disorder: population survey with 3-year follow-up
Iain A. Lang,* Ruth Marlow,* Robert Goodman, Howard Meltzer and Tamsin Ford

Background
Teacher–pupil relationships have been found to mediate developmental, social and psychological outcomes for children at different ages according to teacher and child report, but most studies have been small.

Aims
To explore later psychiatric disorder among children with problematic teacher–pupil relationships.

Method
Secondary analysis of a population-based cross-sectional survey of children aged 5–16 with a 3-year follow-up.

Results
Of the 3799 primary-school pupils assessed, 2.5% of parents reported problematic teacher–pupil relationships; for secondary-school pupils (n = 3817) this rose to 6.6%. Among secondary-school pupils, even when children with psychiatric disorder at baseline were excluded and we adjusted for baseline psychopathology score, problematic teacher–pupil relationships were statistically significantly related to higher levels of psychiatric disorder at 3-year follow-up (odds ratio OR = 1.93, 95% CI 1.07–3.51 for any psychiatric disorder, OR = 3.00, 95% CI 1.37–6.58 for conduct disorder). Results for primary-school pupils were similar but non-significant at this level of adjustment.

Conclusions
This study underlines the need to support teachers and schools to develop positive relationships with their pupils.

Declaration of interest
None.

Positive and supportive relationships promote healthy child development and resilience, including those formed within school. Many qualified teachers’ report insufﬁcient training in the management of socioemotional and behavioural difﬁculties, which they cite as a common source of stress and burnout. Although teachers are highly aware of the importance of the teacher–pupil relationship, some children can be very challenging to work with. The potential impact of adverse teacher–pupil relationships on the health and well-being of the child, their teacher and their peers is not often discussed explicitly, but is important as school-based problems are a common cause for referral to child mental health services. Teachers’ assessments of closeness and conﬂict in their relationships with children may be associated with pupils’ subsequent ability to acquire social and academic skills. Hughes & Kwok showed that higher-quality teacher–pupil relationships attenuate the associations between children’s background characteristics and their levels of classroom engagement; the latter mediates academic performance. A positive teacher–pupil relationship can moderate the associations between temperament and disruptive play, and with risky behaviour. Children with developmental vulnerabilities have better educational outcomes when they receive strong emotional and instructional support in the classroom. Conversely, unsupportive relationships may impair development and amplify psychosocial problems and psychological distress. There is evidence that problematic teacher–pupil relationships are stronger predictors of later school-related adjustment than positive relationships. A study of over 3500 children followed from ﬁrst to the third grade reported that children’s psychosocial adjustment was associated with teachers’ relationships with individual children and average classroom levels of teacher–child conflict and closeness. Academic and behavioural problems as far ahead as the eighth grade may be predicted by negative teacher–pupil relationships in kindergarten. Similar ﬁndings have been reported in older children. Teachers report that they need to provide higher levels of support and more behavioural regulation for children with whom they perceive that they have poor relationships. A number of factors have been identiﬁed as associated with quality of teacher–pupil relationships, such as challenging behaviour and learning difﬁculties. Less conﬂictual relationships are reported with female pupils, whereas boys have been shown to be more vulnerable to the negative effects of problematic relationships. Teacher–pupil ethnic differences are associated with difﬁculties in the relationship between teachers and pupils. There is less closeness reported in relationships with children who are shy, and lower-quality relationships with greater instability were found with children with intellectual disability compared with a control group with typical cognitive development, primarily due to differences in behavioural problems and social skills. Relationships are reciprocal and teachers struggling to manage children who are behaviourally challenging with insufﬁcient support may have more difﬁculty establishing a positive relationship with those children than with other children. Teacher-rated problem behaviours only account for half of the variance in problematic teacher–pupil relationships.

In the most extreme cases, problematic teacher–pupil relationships may shade into bullying. Most research on bullying focuses on schoolchildren’s peers, and there is limited information available about the extent and consequences of bullying of pupils by teachers, partly because it is extremely difﬁcult to study. Over 40% of high-school pupils in a South Australian study reported having been ‘picked on’ by teachers. A cross-sectional survey of Israeli pupils reported that just over a quarter of pupils reporting emotional mistreatment by school staff, 12–15% reporting some form of physical maltreatment and 7–8%
reporting sexual maltreatment; rates that seem startlingly high. Perceived psychological abuse by teachers is an important component of children’s school-related stress and a retrospective survey of college pupils found almost two-thirds reported their worst school experience involved a teacher rather than a peer. Pupils who feel victimised by teachers and other school staff are more likely to misbehave or to become alienated or aggressive, have less intention of completing school and are likely to engage in high-risk behaviours such as gambling, drug use, and drinking alcohol. In conclusion, studies using a variety of methods suggest a clear relationship between teacher–pupil relationships and psychosocial and educational outcomes for the child. The current study aimed to assess the psychosocial effects on pupils and psychosocial and educational outcomes for the child. The measure has been shown to have good reliability, internal consistency and convergent validity with comparable scales on the Child Behavior Checklist. The General Functioning Scale of the McMaster Family Assessment Device (FAD) was administered to all parents during the 2004 survey. The FAD questionnaire measures family functioning and consist of 12 items, such as ‘we confide in each other’ and ‘we are accepted for who we are’. An overall score of family functioning is given ranging from one to three, with a cut-point of two taken to indicate unhealthy family functioning. The measure has been shown to have good reliability, internal consistency and validity in distinguishing between non-clinical families and families attending a psychiatric service. The Family Life Questionnaire (FaLQ) was used to assess family function during the 2007 survey. It is a 14-item questionnaire comprising four theoretical scales: affirmation, discipline, special allowances and rules.

Other variables
In our full model we adjusted for the following potential confounders collected at baseline gross weekly household income (split into eight categories by £100s of pounds sterling); housing tenure (owned/rented); mother’s highest educational qualification (none; poor GCSE or equivalent; A level or good GCSE; diploma or degree); parental symptoms of anxiety and/or depression (12-item version of the General Health Questionnaire (GHQ-12) score); child’s score on social aptitudes scale; level of intellectual disability (none; borderline; moderate or severe); and parental report of the child’s general health (very good or good, fair, bad, or very bad). We did not adjust for the ethnicity of the child as it was not associated with poor teacher–pupil relationships at baseline, which was reported by 4.7% of parents of children who were White, 3.3% of children who were Black African or African–Caribbean, 2.4% of Indian children, 3.3% of Bangladeshi/Pakistani children and 4.0% of children of mixed/other ethnicity ($X^2 = 9.9, d.f. = 8, P = 0.27$).

Analysis
Data analysis used Stata (SE 11) on Windows and logistic regression for binary outcomes and linear regression for linear outcomes. Analyses were weighted using probability weights calculated by the original survey team (see Green et al., technical report) that were calculated to represent the age, gender and region structure of the sampling frame and to correct for unequal sampling probabilities of postcode. Given the increase in prevalence of problematic teacher–pupil relationships with age and given that primary and secondary schools function very differently, multivariable analyses were completed separately for primary- and secondary-school pupils, for each of the following outcomes at 3-year follow-up: any psychiatric disorder, conduct disorder, parental psychopathology (GHQ score), exclusion, non-exclusionary absence and poor family function. We conducted separate analyses
that adjusted for, or excluded, children with a psychiatric disorder at baseline, and that did, or did not, adjust for baseline symptom scores on the SDQ in order to control for the impact that existing psychopathology might have on teacher–pupil relationships.

Results

Reassuringly, the majority of parents believed that there was no difficulty in the relationship between their child and their teacher (online Table DS1). Of 3799 parents of primary schoolchildren, 94 (2.5%) stated that they thought their child was distressed because s/he was being picked on by a teacher ‘a lot’, which increased among secondary-school pupils to 252 out of 3817 (6.6%; \( \chi^2(1) = 70, P < 0.001 \)). Online Table DS1 also illustrates the distribution of child and family characteristics among the participants of the baseline survey, and Table 1 indicates the distribution of outcomes at follow-up. A slightly lower proportion of children whose parents reported a poor teacher–pupil relationships participated in the follow-up (60%; \( n = 208 \)) compared with the rest of the sample (67%).

Tables 2 and 3 show the adjusted multivariable analyses of the association between the teacher–pupil relationships and adverse psychosocial outcomes for primary-school (Table 2) and secondary-school (Table 3) pupils. Problematic teacher–pupil relationships significantly increased odds of any psychiatric disorder and any conduct disorder 3 years later in both age groups, even when controlling for and excluding baseline psychiatric disorder. However, the association became non-significant among primary schoolchildren when baseline SDQ total difficulties score was also controlled. Adjusting for baseline SDQ total difficulties disorder also reduced other possibly important associations below the level of statistical significance: these were between poor teacher–pupil relationships and exclusion from secondary school and poor teacher–pupil relationships and unhealthy family functioning among primary schoolchildren. There was no clear relationship between poor teacher–pupil relationships and non-exclusionary absence or parental psychopathology in either age group.

Discussion

Substantive findings

It is reassuring that the majority of parents reported no concerns about the relationship between their child and their teacher, however, nearly 1 in 20 parents responded ‘a lot’ when asked whether their child had been stressed because s/he feels s/he has been unfairly picked on by a teacher. The proportion of parents reporting problematic teacher–pupil relationships increased significantly with the age of the child, which may reflect the difference in organisation between primary and secondary schools. Older children have to make relationships with a greater number of teachers but spend less time with each of them, which may provide increased opportunities for difficulties, and diminish the length of time available for the pupil–teacher dyad to build a good relationship. Spending smaller amounts of time with a teacher with whom you have a problematic relationship might be expected to reduce any negative impact of such contact. Our findings, however, suggest a clear association between poor teacher–pupil relationships and the presence of psychiatric disorder at secondary-school age as well as primary-school age: effects that mostly remain significant when adjusted for a range of confounding factors. These results suggest that a difficult relationship with a teacher may be highly detrimental to a child’s well-being, and may actually precipitate behavioural problems in some young people. Although this may seem intuitively plausible, the research literature is littered with examples of intuitively plausible associations that did not stand up to empirical testing, and our study is one of very few to explore the relationship of teacher–pupil relationships with psychiatric disorder rather than dimensional measures of distress. It is deeply concerning that the likelihood of school exclusion may be significantly higher among young people whose parents report a problematic teacher–pupil relationship at a secondary-school age. Childhood psychiatric disorder and exclusion from school are associated with a range of adverse outcomes for individuals and substantial costs to society. At a primary-school age and before adjusting for baseline SDQ total difficulties score in addition to baseline psychiatric disorder, a problematic teacher–pupil relationship was related to poorer family functioning. This effect does not continue for secondary-school pupils, possibly because these children are more independent and there are fewer opportunities for direct contact between parents and teachers during these years, or that the smaller, more closed, primary-school community magnifies the impact of a challenging teacher–pupil relationship on the family.

Methodological considerations

We used data from a large nationally representative survey that involved children attending many different schools, adjusted for many background characteristics and studied psychiatric disorder. In contrast, previous research mostly focuses on teacher perspectives, often with more detail, but in much smaller

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**Table 1** Distribution of outcomes from the follow up British Child and Adolescent Mental Health Survey in 2007 adjusted for survey design

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Primary-school pupils ((n = 2733))</th>
<th>Secondary-school pupils ((n = 2593))</th>
<th>Total sample ((n = 5326))</th>
<th>Number with data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parental SDQ total difficulties score, mean (s.e.)</td>
<td>8.04 (0.12)</td>
<td>7.06 (0.12)</td>
<td>7.57 (0.08)</td>
<td>5280</td>
</tr>
<tr>
<td>Any psychiatric disorder, (n) (%)</td>
<td>229 (8.4)</td>
<td>253 (9.6)</td>
<td>482 (9.0)</td>
<td>5326</td>
</tr>
<tr>
<td>Any conduct disorder, (n) (%)</td>
<td>126 (4.6)</td>
<td>108 (4.1)</td>
<td>234 (4.4)</td>
<td>5326</td>
</tr>
<tr>
<td>Exclusion from school, (n) (%)</td>
<td>69 (2.5)</td>
<td>114 (8.1)</td>
<td>183 (4.4)</td>
<td>4102</td>
</tr>
<tr>
<td>Non-exclusionary absence in days, mean (s.e.)</td>
<td>3.75 (0.19)</td>
<td>5.07 (0.22)</td>
<td>4.37 (0.15)</td>
<td>4142</td>
</tr>
<tr>
<td>Family function, mean FaLQ score (s.e.)</td>
<td>10.1 (0.03)</td>
<td>9.57 (0.04)</td>
<td>9.85 (0.03)</td>
<td>5234</td>
</tr>
</tbody>
</table>

SDQ, Strengths and Difficulties Questionnaires; FaLQ, Family Life Questionnaire.
samples from a smaller number of schools and with dimensional measures of psychopathology. The current study also extends the literature through the use of parent-reports of the teacher–pupil relationships. We have no information on which to judge the veracity of these reports, and are aware that relatively low levels of inter-informant agreement are common in child mental health studies. In a population-based sample, the desire to locate the outcome (poor mental health) and the exposure (problematic teacher–pupil relationship) provided the best opportunity to obtain data on as many children as possible. Both at baseline and follow-up, those, who according to our findings, would be most likely to have the prevalence of problems with relationships, although prior research in relation to the prevalence of disruptive behaviour suggests that this may not influence the pattern and/or size of both the outcome (poor mental health) and the exposure (problematic teacher–pupil relationship) were less likely to participate. This suggests that we might have underestimated the prevalence of problems with relationships, although prior research in relation to the prevalence of disruptive behaviour suggests that this may not influence the pattern and/or size of the association.

The limited literature on types of teacher–pupil relationships would benefit from attempts to classify relationships in terms of type and informant. Studies framed from pupils’ perspectives have found both agreement and disparities between pupils’ and teachers’ accounts of the quality of teacher–pupil relationships. The best way to objectively assess this conflict also needs to be

### Table 2 Multivariable analyses of psychosocial outcomes in relation to poor teacher–pupil relationships (defined as stressed because picked on a lot v. no/a little) for primary-school pupils

<table>
<thead>
<tr>
<th>Outcome</th>
<th>No/a little, OR</th>
<th>A lot without controlling for baseline SDQ score, OR (95% CI)</th>
<th>A lot controlling for baseline SDQ score, OR (95% CI)</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any psychiatric disorder</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling for baseline psychiatric disorder</td>
<td>1.00</td>
<td>4.25 (2.20 to 8.22)</td>
<td>2.55 (1.20 to 5.45)</td>
<td>2495</td>
</tr>
<tr>
<td>Excluding those with any baseline psychiatric disorder</td>
<td>1.00</td>
<td>2.78 (1.13 to 6.80)</td>
<td>1.69 (0.63 to 4.51)</td>
<td>2335</td>
</tr>
<tr>
<td>Any conduct/behavioural disorder</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling for baseline conduct/behavioural disorder</td>
<td>1.00</td>
<td>2.62 (1.08 to 6.34)</td>
<td>1.52 (0.58 to 3.97)</td>
<td>2495</td>
</tr>
<tr>
<td>Excluding those with any baseline conduct/behavioural disorder</td>
<td>1.00</td>
<td>3.27 (1.08 to 9.89)</td>
<td>2.01 (0.66 to 6.14)</td>
<td>2407</td>
</tr>
<tr>
<td>Exclusion, excluding those with history of exclusion at baseline</td>
<td>1.00</td>
<td>1.85 (0.54 to 6.31)</td>
<td>1.18 (0.36 to 3.89)</td>
<td>2456</td>
</tr>
<tr>
<td>Non-exclusionary absence, outcome is &gt;10 days absence</td>
<td>1.00</td>
<td>1.43 (0.34 to 6.00)</td>
<td>1.57 (0.39 to 6.31)</td>
<td>2459</td>
</tr>
<tr>
<td>Parent psychopathology, linear regression</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control for baseline parental GHQ</td>
<td>–</td>
<td>1.35 (0.38 to 2.31)</td>
<td>1.08 (0.09 to 2.06)</td>
<td>2473</td>
</tr>
<tr>
<td>Omit those with baseline GHQ &gt;0</td>
<td>–</td>
<td>1.54 (0.11 to 2.97)</td>
<td>1.38 (0.02 to 2.79)</td>
<td>1442</td>
</tr>
<tr>
<td>Family function, total FaLQ score controlled for baseline McMasters score, linear regression</td>
<td>–</td>
<td>2.17 (1.17 to 3.17)</td>
<td>1.83 (0.83 to 2.84)</td>
<td>2448</td>
</tr>
</tbody>
</table>

SDQ, Strengths and Difficulties Questionnaires; GHQ, General Health Questionnaire; FaLQ, Family Life Questionnaire.

### Table 3 Multivariable analyses of psychosocial outcomes in relation to poor teacher–pupil relationships (defined as stressed because picked on a lot v. no/a little) for secondary-school pupils

<table>
<thead>
<tr>
<th>Outcome</th>
<th>No/a little, OR</th>
<th>A lot without controlling for baseline SDQ score, OR (95% CI)</th>
<th>A lot controlling for baseline SDQ score, OR (95% CI)</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any psychiatric disorder</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling for baseline psychiatric disorder</td>
<td>1.00</td>
<td>2.15 (1.26 to 3.67)</td>
<td>1.54 (0.92 to 2.59)</td>
<td>2358</td>
</tr>
<tr>
<td>Excluding those with any baseline psychiatric disorder</td>
<td>1.00</td>
<td>3.10 (1.71 to 5.60)</td>
<td>1.93 (1.07 to 3.51)</td>
<td>2160</td>
</tr>
<tr>
<td>Any conduct/behavioural disorder</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Controlling for baseline conduct/behavioural disorder</td>
<td>1.00</td>
<td>3.10 (1.46 to 6.59)</td>
<td>2.22 (1.11 to 4.48)</td>
<td>2358</td>
</tr>
<tr>
<td>Excluding those with any baseline conduct/behavioural disorder</td>
<td>1.00</td>
<td>5.32 (2.55 to 11.07)</td>
<td>3.00 (1.37 to 6.58)</td>
<td>2262</td>
</tr>
<tr>
<td>Exclusion, excluding those with history of exclusion at baseline</td>
<td>1.00</td>
<td>3.12 (1.30 to 7.48)</td>
<td>2.40 (0.99 to 5.82)</td>
<td>1249</td>
</tr>
<tr>
<td>Non-exclusionary absence, outcome is &gt;10 days absence</td>
<td>1.00</td>
<td>2.38 (0.81 to 6.95)</td>
<td>2.09 (0.71 to 6.17)</td>
<td>1235</td>
</tr>
<tr>
<td>Parent mental health, linear regression</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Control for baseline parental GHQ</td>
<td>–</td>
<td>0.35 (–0.21 to 0.91)</td>
<td>0.05 (–0.54 to 0.64)</td>
<td>2318</td>
</tr>
<tr>
<td>Omit those with baseline GHQ &gt;0</td>
<td>–</td>
<td>0.53 (–0.27 to 1.34)</td>
<td>0.25 (–0.58 to 1.09)</td>
<td>1231</td>
</tr>
<tr>
<td>Family function, total FaLQ score controlled for baseline McMasters score, linear regression</td>
<td>–</td>
<td>0.76 (–0.11 to 1.64)</td>
<td>0.54 (–0.34 to 1.44)</td>
<td>2287</td>
</tr>
</tbody>
</table>

SDQ, Strengths and Difficulties Questionnaires; GHQ, General Health Questionnaire; FaLQ, Family Life Questionnaire.

a. All models were adjusted for gender; age; household income (grouped); housing (owned/rented); mother’s highest qualification; parental baseline GHQ-12 score; general health (dichotomised); learning disability (none, borderline, moderate/severe); social aptitudes. Results in bold are significant.
addressed as observations are unlikely to be effective because of social desirability.

As the study was a cross-sectional survey with a single follow-up and did not follow children from their entry to school, it is possible that a problematic teacher–pupil relationship is a marker of other difficulties that lead to the outcomes studied, rather than a causal factor. Further research into a cohort study that systematically assessed teacher–pupil relationships from school entry could address this issue.

Given the potential of these findings to distress teachers, we thought it important to adjust for both the presence of baseline psychiatric disorders and baseline psychopathology, which might not reach the threshold to meet diagnostic criteria but which may be related to both subsequent psychopathology and a problematic teacher–pupil relationship. Children were assessed in the middle of the school year (spring and early summer term) so a problematic relationship at baseline might also have influenced psychopathology at the time of baseline assessment. As some may consider that we have overadjusted, we present the results with four ways of adjusting for baseline psychopathology. We believe that the influence of poor teacher–pupil relationship on psychopathology, exclusion and family function probably lies between the results of the model with the highest (excluding children with baseline psychiatric disorder and adjusting for baseline SDQ total difficulties score) and lowest (controlling for baseline psychiatric disorder alone) level of adjustment.

As this was a secondary analysis, we were constrained by the variables collected in the original survey. We did not know the ethnicity of teachers as prior research suggests that teacher–pupil ethnic differences may influence teacher–pupil relationships.34 We also did not have access to teacher’s reports of the teacher–pupil relationship or the impact of problematic relationships on teachers’ mental health and well-being. Adverse impacts on teachers, particularly if it leads to time off work or exit from the profession, represent further costs to both individuals and society. Similarly, we had no access to community- and school-level data; previous work suggests that the impact of teacher–pupil relationships might be particularly influential for children living in highly deprived circumstance and/or attending particularly well- or poorly functioning schools.34 We were, however, able to adjust for a wide range of potential confounders. The limited literature on types of teacher–pupil relationships would benefit from attempts to classify relationships in terms of type and informant. Studies framed from pupils’ perspectives have found both agreement and disparities between pupils’ and teachers’ accounts of the quality of teacher–pupil relationship. The best way to objectively assess conflicting reports also needs to be addressed as observations are unlikely to be effective because of social desirability.

**Implications for policy and practice**

Little explicit attention has been paid to the importance of teacher–pupil relationships despite an increasing policy focus in the UK over the previous 10–15 years on the use of school setting for the promotion of mental health and well-being.35 The Targeted Mental Health in Schools (TMHIS) project aimed to support schools to deliver timely support to children and young people with mental health problems and those at high risk of developing them, with a particular emphasis on evidence-based practice and interagency working.36 Schools selected a wide variety of interventions and support; over 500 are named in the national evaluation, but training for staff was not commonly adopted and input related to teacher–pupil relationships was implicit rather than explicit.36 Social and Emotional Aspects of Learning (SEAL) was a ‘comprehensive, whole-school approach to promoting the social and emotional skills that underpin effective learning, positive behaviour, regular attendance, staff effectiveness and the emotional health and well-being of all who learn and work in schools’ in England during the past decade.37 The national evaluation of SEAL in secondary schools revealed a very mixed picture in terms of how SEAL was implemented and the impact of the initiative across participating schools, particularly in relation to a ‘whole school approach’ with staff ‘will and skill’ and resources seeming to predict progress and success.37 Both the TAMHS and SEAL evaluations called for greater attention to the evidence base for programmes that are adopted into schools, and a recent ‘review of reviews’ of mental health interventions in schools reported that large-scale, multicomponent whole school programmes that rely on broad principles rather than focused manualised interventions are unlikely to be effectively implemented.35 Most interventions in this review of reviews focused primarily on increasing pupil’s life skills, but a ‘positive school ethos’ and the nature of teacher–pupil interactions was reported to be a major determinant of the impact of mental health interventions in school.

Our findings add to the evidence that a difficult teacher–pupil relationship may have a wide-ranging negative impact on a child’s development, specifically in relation to mental health and well-being, family function and exclusion from school. Previous research has highlighted factors that may contribute to this and therefore offers ideas as to where we can intervene to reduce the likelihood and/or impact of a problematic relationship. Considering the school environment, for instance, levels of conflict in relationships in kindergarten were associated with teachers’ reported workload stress, and the broader relational climate in the classroom and school.38 In high-school pupils, conflictual teacher–pupil relationships were more commonly experienced by teachers who took a custodial approach to discipline, and had lower morale because of school conditions.38 Higher levels of conflict than expected based on children’s behaviour were recorded by teachers who reported higher levels of depression and lower self-efficacy and in those observed to provide less emotional support in the classroom.14 Khoury-Kassabri suggests that many school staff react harshly to pupils because they lack alternative ways of dealing with difficulties, particularly when pupils are disruptive. Interventions that promote a positive school environment, increase teachers’ classroom management skills and address teacher stress and burnout may therefore reduce the likelihood and/or impact of a problematic teacher–pupil relationship. Interventions that successfully improve these relationships have the potential to influence the mental health and academic outcome of all children subsequently taught by that teacher, and are therefore likely to be less costly than interventions aimed at children, which will need to be repeated with subsequent cohorts of children. In addition, parents who had adverse experiences in school may find it particularly difficult to trust and develop positive relationships with teachers;7 a focus on building relationships and easing communication may be an important but simple strategy to support the most vulnerable families in this respect.

Although these interventions are focused on the education system, mental health is often not perceived to be ‘core business’ by education professionals.15 Our findings have clear public health implications and mental health practitioners may be in a position to influence commissioners and providers to consider interventions that could support teachers and other school-based staff to build more positive relationships that might produce important benefits extending far wider than the education system.

Although the call for increased support for teachers in relation to managing behaviour and promoting mental health and well-being

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is not novel, many teachers still feel insufficiently trained in relation to mental health and classroom management techniques, which may contribute to work-related stress and burnout as well as poor teacher–pupil relationships. Some children and parents may be extremely difficult to work with, but if there is a difficulty in the relationship the teacher has with a particular child or family, then the professional responsibility to address it lies with the teacher, and the school's senior management team has a duty to support the teacher to do so. The current study suggests that effective strategies to improve teacher–pupil relationships may reduce the negative outcomes for pupils that are associated with these poor relationships, as well as reducing burnout and stress among teachers. A more explicit focus on the quality of teacher–pupil relationships in research, policy and practice in relation to mental health in schools may improve the impact of other interventions.

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