- ¹ Classroom Management: A Strategy to Curbing Disruptive
- ² Behaviours among 5th Grade Learners in Ghanaian Pre-Tertiary
- ³ Schools (Evidence from Ridge Experimental School, Akyem-Oda,
- ⁴ Birim Central Municipality in the Eastern Region of Ghana)

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8 Abstract

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This is a collaborative action research design which focused on using classroom management 9 as a strategy to curbing disruptive behaviours among 5th Grader learners at Ridge 10 Experimental School in Akim-Oda in the Birim Central Municipality of the Eastern region of 11 Ghana. Though the study appeared experimental and descriptive in nature, the concurrent 12 mixed method research approach informed its direction. Questionnaires, interviews tests and 13 observation were the primary data collection tools. Descriptive, interpretive and interaction 14 process analyses were used to analyse all data gathered. Accidental and simple random 15 sampling techniques were involved in the selection process. The study revealed personality 16 disorder, economic and social factors, lack of interests in classroom lessons among others 17 result in disruptiveness in school whereas creating a positive and engaging classroom 18 atmosphere, ensuring appropriate seating arrangement, development of class routine chart and 19

20 good choice of methodologies can help curb disruptiveness in the classroom and beyond.

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<sup>Index terms— disruptive behaviours, grade five, learners, pre-tertiary schools, classroom management.
Background to the Study rguably, learners' ability to perform academically well in the school setting largely
depends on several factors both known and unknown. This is to say that the presence or absence of these
determinants may either positively affect the state of learners' performance or otherwise. Factors such as teachers
?? pedagogy, content knowledge and pedagogical content knowledge have been identified as possible elements that
could drive or shape learners' behavior particularly in the area of performance in the school system ??NaCCA,
2019). In a similar attempt to explain factors that influence learners' behavior in the classroom, Antwi-Danso</sup>

^{29 (2012)} envisaged that some resulting causes are learner-bound rather than facilitator-bound.

According to ??onney (2012), there are certain amount of behavioral problems that learners exhibit in the classroom environment which many a time threaten effective teaching and learning. These unapproved behaviours or behavior problems in the colosseum of education, the classroom setting are termed as disruptive behaviours. Disruptive behaviour basically constitutes engaging in disorderly conduct on school compounds or at schoolbound activities which interferes with the activities of others, including studying, teaching, research and school administration (CCBC Code of ??onduct, 2020). This implies also that disruptive behaviors in the classroom may refer to all problematic attitudes that make it difficult for learners to focus and pay attention in the teaching

and learning process.Disruptive behaviour is usual.

Disruptive behaviour is usually associated with distractible behaviours of learners in class. This generally sometimes eventually influences learners' ability to function academically in and out of the classroom setting. Nemenzo (2016) cited in Bonney (2017) described disruptiveness as a behaviour disorder which includes talking excessively, fidgeting, anxiety, conflict, anger, or other mood changes. Arguably, the classroom has always

⁴² been a place where attention tends to have a greater value. In every single academic activity that goes on in the

⁴³ classroom, both learners' and teacher's attention or focus is highly required. Sadly, due to disruptiveness, learners

often struggle to pay attention to academic activities; their attention deficit is relatively high that instructional purposes get blown away in thin air without materializing. Lack of attention jeopardises effective teaching and learning as Bonney (2017) rightly puts it. Due to attention deficit, learners begin to perceive assigned tasks as difficult and challenging. In some cases, they are even more likely to give up before truly trying. Studies have shown that disruptiveness emanating from learners' behavior in teaching and learning situations can only be curtailed through a well-established behavior interventions.

The resulting factors of learners' disruptive behaviours are enormous. However, common among these causes relate to genes and the immediate environment of learners. Highlighting learners' genes or heredity as a potential contributor of disruptiveness among learners, points to the claim that learners possess some form of innate behavior disorder called Attention Deficit Hyperactivity Disorder (ADHD).

Attention Deficit and Hyperactivity Disorder (ADHD) is a neuro-behavioural disorder manifested by chronic 54 level of hyperactivity, impulsivity and attention (American Psychiatric Association, 2018). Consequently, learners 55 tend to exhibit unwelcomed behaviours in and out of classroom settings as a result of this disorder. In other words, 56 the presence of this genetic or hereditary disorder yields series of unapproved behaviours shown by learners in the 57 process of instruction. Moore and Crutsinger (2000) postulate that hyperactive learners dash around touching 58 59 or playing with whatever is in sight, or talk incessantly. Sitting still during a school lesson becomes difficult for 60 them. They squirm and fidget in their seats or roam around the room. Alternatively, they may wiggle their 61 feet, touch everything, or noisily tap their writing materials. Witzel and Mercer (2003) point out that classroom 62 management is one of the most common problems facing teachers because disruptive learners take up valuable learning time. Learners with disruptive, defiant, and disrespectful behaviours often make it difficult for teachers 63 to teach and learners to learn. Educators who have learners with problematic behaviours in their classrooms 64 become extremely frustrated. These individuals often come to feel that they are ineffective at working with 65 learners which is one cause of teacher attrition (Witzel & Mercer, 2003). 66 Attention Deficit and Hyperactivity Disorder (ADHD) is a neuro-behavioural disorder manifested by chronic 67 level of hyperactivity, impulsivity and attention. It is one of the most common childhood behavioural disorder 68

⁶⁹ affecting 3 to 7 percent of school age pupils (American Psychiatric Association [APA], 2000). Attention Deficit

and Hyperactivity Disorder (ADHD) is one of the most common disorders in early children. It can be identified
 by its main characteristics that include: impulsivity, hyperactivity, cognitive, behavioural, emotional deficits, and

⁷² inattention. The symptoms of nearly half of ADHD children are shown when children are 5 years old (Dreyer, ⁷³ 2006).

74 Prayitno and Amti (2013) argued that disruptive behaviour such as fighting with playmates can happen because of several things; for example, lack of selfcontrol, selfishness, hyperactive, the unstable condition at home 75 or the contrary incident, permissive among others. Moreover, Slavin (2009) investigated that disruptive behaviour 76 during the class may be the result due to the urge to get more attention from the teachers and classmates. In 77 addition, it is also performed as the purpose to release the uncomfortable feeling. Based on the characteristics 78 that previously discussed about intellectual disability children, it can be concluded the major cause of disruptive 79 behaviour is from internal factor. Intellectual disability has social, emotion and behaviour problems that lead to 80 the disruptive behaviours. 81

Managing inappropriate behaviours in schools help reduce the stress teachers and other learners go through and improve academic performance of learners. The study seeks to use classroom management strategies to reduce disruptive behaviours among learners. Learners whose behaviours are regarded as inattentive, disruptive or maladjusted have been shown to be at risk of poor educational progress. In addition to the consequences for an individual, such behaviour problems in the classroom diminish educational opportunities for other learners and contribute to teacher stress (Hinshaw, 1992a). This phenomenon is not different from what is being experienced in pre-tertiary schools in Ghana hence the study.

⁸⁹ 1 a) Statement of the Problem

During an off-campus teaching and supervision programme at Oda Ridge Experimental School, it was observed that some of the learners paid less attention during lessons. Some learners during lessons pinched their peers, slept, chat with the friends, and frequently moved out to urinate. This reflected in their performance. This was confirmed from learners' exercise books and continuous assessment record book that the inattentiveness and other disruptive behaviours made them score low marks. The study therefore sought to use classroom management

95 strategies to help reduce disruptiveness among learners in Ridge Experimental School.

⁹⁶ 2 b) Purpose of the Study

The purpose of the study is to use classroom management strategies to help reduce disruptiveness among learners
 in Ridge Experimental School.

⁹⁹ 3 c) Objectives of the Study

100 $\,$ The objectives of the study was to:

¹⁰¹ 4 Review of Related Literature

The review of literature delves into the theoretical, conceptual frameworks and empirical review of the study. The section dwells on the key issues raised in the research questions which are the causes of disruptive behaviours in schools and the use of classroom management strategies to address disruptive problems in class.

¹⁰⁵ 5 a) Causes of Disruptive Behaviours in Schools

It is quite obvious that whatever happens in the classroom has its triggers or inciters of which learners' 106 disruptiveness in the class is not an exception. Therefore learners behave disruptively as a result of the following 107 causes; i. Social causes: Absenteeism, lateness, roaming in class, assignment incompletion and fidgeting are the 108 hallmark of learners' disruptiveness which does not encourage classroom learning. Again, the nature of the lesson 109 instructions presented to a class is also one of the causes. Learners decide not to pay attention when the lesson 110 111 presented is either too difficult, not understandable or not challenging enough. Teachers' methodology and TLMs 112 choice for a lesson can either make learners more active or boring when the lesson is ongoing. Also, teachers who 113 refuse to set rules and regulations with learners for a class refuse to also control the class. Learners turn to dash around touching or playing with whatever is in sight, or talk incessantly. 114

ii. Emotional causes: Broken homes, single parenting, and indifferent treatment of parents towards their
children affect their active focus and participation in class. However if a learner is treated badly at home, it
reflect in his/her classroom concentration and performance as well. These children lose focus when a teacher
is teaching as their mind will be at home (Kumthekar, et al., 2016). According to Merrell and Boelter (2001)
inattention is a hallmark feature of attention deficit-hyperactivity disorder (ADHD), which can affect adults as
well as children and teens. He added that learners with these disorder never pay attention in class no matter
what the teacher may try unless clinical treatment is given.

iii. Economic causes: Poor nutrition, learners' tasks to family's daily living, inability of parents or guardians
to afford their children's learning materials affect their classroom behaviours and cause them not to pay attention
fully in class (Nye, 1957). This is because studies had indicated that socio-economic background of parents' have
a great influence on the pupils' educational aspirations (Nye, 1957).

¹²⁶ 6 b) Using Classroom Management Strategies to Address ¹²⁷ Learners' Disruptive Behaviours in Class

In attempt of reducing disruptive behaviours among learners, it is important for teachers to establish a classroom 128 environment where all learners feel safe, comfortable, and welcome. According to Conroy et al (2014), "Creating 129 a positive and engaging classroom atmosphere is one of the most powerful tools teachers can use to encourage 130 children's learning and prevent problem behaviours from occurring" (p. 18). This tone can be established by 131 teachers' reactions to learners' behaviours in these regards: i. Behaviour Management: Behaviour management 132 is also an essential factor to be considered when disruptiveness is being addressed. For learners to progress 133 significantly depends on their classroom behaviours. Therefore setting clear and observable rules with learners 134 for the classroom routines guides the learners to comport themselves to the classroom norms. There is the need 135 to keep consistent, explicit classroom rules visible to all and the possible consequences. The classroom rules 136 should be developed by teachers and learners to bring about commitment on part of both parties. 137

ii In a nut a shell, educators can use the following multi-step process outlined by Mather, Goldstein and Eklund (2001) to manage their learners' behaviours using consequences. The first step is to define the problem by count or description. The second step is to change the behaviour by developing a behaviour management plan. The third step is to identify an effective reinforcer, and the last step is to apply the reinforcer on a consistent basis in order to change the behaviour.

143 **7 III.**

144 8 Methodology

The study is a collaborative action research. It is experimental and descriptive in nature. It sought to use 145 classroom management strategies to help reduce disruptiveness among learners in Ridge Experimental School. 146 Basically, an action research design tends to investigate perceived instructional and classroom and bound 147 challenges (Owu-Ewie, 2011) whiles its preferred form being collaborative involves a group of people researching 148 149 a specific topic (VanBarren, 2019). Accidental sampling was involved in selecting the participating school; nonetheless, simple random sampling procedure specifically the lottery method was employed in choosing fifty-150 151 five (55) participants from a pool of one hundred and twenty-five (125) potential participants. This consisted of 152 thirty-five (45) learners and ten (10) teachers respectively.

An unstructured interview guide, a structured questionnaire and observation were the primary instruments used for the data collection. The 15-item questionnaire was administered to teachers only and was designed based on the key themes raised in the research question. The researchers, read out the question items to the participants and explained them accordingly. Participants were to indicate their responses using a five-point Likert Scale (strongly agree, agree, indifferent, disagree, strongly disagreement). Similarly, the interview guide was used for some selected teachers. These tools were structured with the list of key issues to look out for areas such as; inappropriate behaviours put up in class, frequency of those behaviours, how those behaviours affect the student and others as well as performance of students with inappropriate behaviours in school. Interview responses were recorded in all formats (audio, video format and audio-visual). Detailed notes were taken in the course of the interview session. Repeated playbacks of recorded responses were done afterwards for voice clarity and transcription purposes. Codes were generated and assigned to data gathered from the interview.

Also, an Interaction Process Analysis was employed to analyse all observational data. Regarding this, the classroom behaviours of learners were coded for four weeks over a two-month period. In addition, quantitative data were descriptively analysed using simple percentages; however, qualitative data like interview responses were subjected to thematic analyses.

In ensuring trustworthiness of the instruments, experts, supervisors, teachers, colleagues and students (participants) were consulted for suggestions, before they were carried out as proposed by Anderson and Morgan (2008).

172 IV.

173 9 Results

Findings from the study were presented in accordance with the data type. Tables were used to discuss quantitative 174 results from survey whereas qualitative results from in-depth interviews and observations were also interpreted 175 thematically. The table below presents the results on the causes of disruptive behaviours among learners in 176 schools. (10) participants representing 100% were found in the domain of agree. They pointed to personality 177 disorder, economic factors such as poor nutrition and social factors such as broken homes as the main causes of 178 disruptiveness in school. These responses comprised eight (8) participants forming 80% strongly agreeing and 179 another two (2) participants representing 20% also agreeing to the statement that personality disorder, economic 180 181 factors such as poor nutrition and social factors such as broken homes are the primary causes of disruptiveness in schools. Seven (7) respondents constituting 70% were identified in the boundaries of agree claiming that lack 182 of audio-visual aids in teaching at the pre-tertiary level particularly at the lower primary is the reason behind 183 disruptiveness in school. This was made up of four (4) respondents making 40% strongly agreeing and three (3) 184 respondents constituting 30% also agreeing to the statement. However, two (2) respondents forming 20% were 185 spotted in the categories of disagree in relation to the aforementioned cause as captured in the statement. One 186 (1) representing 10% was on the other hand found to be indifferent. Poor classroom control mechanisms was 187 also identified as a potential cause of disruptiveness in school. Nine (9) respondents representing 90% attributed 188 disruptiveness in school to poor classroom control mechanisms. This was made seven (7) respondents forming 70% 189 190 strongly siding and another two (2) respondents making 20% supporting that poor classroom control mechanisms 191 result in disruptiveness in school.

Meanwhile, one (1) respondent forming 10% neither agreed nor disagreed that poor classroom control 192 193 mechanism could lead to disruptiveness in school. Lack of interest in classroom lessons, nature of subject and mode of presentation was also measured. It was noticed from the table that six (6) respondents representing 194 60% were found in the categories of agree. This was composed of five (??) respondents forming 50% strongly 195 agreeing and one (1) respondent comprising 10% also agreeing that disruptiveness in school is the outcome 196 of lack of interest in classroom lessons, nature of subject and mode of presentation. Three (3) respondents 197 198 representing 30% were however found in the domains of disagree with two (2) representing 20% disagreeing and 199 another one (1) forming 10% disagreeing that lack of interest in classroom lessons, nature of subject and mode of 200 presentation is the primary cause of disruptiveness in school. One (1) respondent comprising 10% was found out 201 to be indifferent in The responses given by this section of participants are indication that disruptiveness in school have resulting factors. Nonetheless, from the gathered responses, it has been revealed that personality disorder, 202 economic factors such as poor nutrition and social factors such as broken homes turn out to be the primary factors 203 of disruptiveness in schools. Equally, other factors such as poor classroom control mechanisms, lack of audio-204 visual aids in teaching at the pre-tertiary level particularly at the lower primary and lack of interest in classroom 205 lessons, nature of subject and mode of presentation have also been found out respectively to be highly sensitive to 206 disruptiveness in school. Considering the responses obtained, one can therefore deduce that personality disorder, 207 208 economic and social factors, poor classroom control mechanisms, lack of instructional audio-visual aids and 209 declined interest in classroom lessons, subject nature and presentation styles are among the resulting factors of 210 disruptiveness in schools. These responses confirm the positions of Nye (1957) and Kumthekar et al (2016) posit 211 that poor nutrition, single parenting and broken homes affect young learners' stability in the classroom.

The pictorial representation of the use of classroom management strategies to reduce disruptiveness in classroom among learners can be seen below:

A bar graph showing the use of classroom management strategies to reduce disruptiveness among learners in the classroom:

Figure 1

Regarding the use of classroom management strategies, eight (8) responses comprising 80% were recorded to have answered 'yes' indicating that they are of the view that there should be appropriate seating arrangement.

The remaining two (2) respondents forming 20% however did not succumb to this view. Seven (7) respondents 219 constituting 70% of the respondents said giving learners the opportunity to respond and participate in classroom 220 activities could help. This view was not same with the remaining three (3) respondents who formed 30%221 of the respondent base. Again, all ten (10) respondents forming 100% agreed that providing appropriate 222 behaviour management and providing classroom routine chart could prove helpful in reducing disruptiveness 223 in the classroom. Six (6) respondents making 60% were of the view that teachers should provide adequate 224 audio visual aids whilst the remaining three (3) representing 30% did not share this view. Nine (9) respondents 225 constituting 90% claimed that teachers must ensure conducive classroom environment. One (1) respondent 226 representing 10% on the other hand did not agree to this position. 227

Based on the responses gathered, it can deduced that classroom disruptiveness can be managed or reduce when teachers focus on providing and using appropriate behaviour management strategies and classroom routine charts. The above table shows the pre-test results as a result of inattentiveness. From the table, thirty (30) learners

representing 66.7% performed below average. Ten (10) learners forming 22.2% put up average performance

whereas 11.1% of learners representing five (5) learners exhibited above average performance.

²³³ 10 b) Interview Data Analysis

Confirming the findings from learners on the factors accounting for disruptive behaviours, few of the learners were interviewed in focus groups of two. The groups were labelled A and B representing the respondents with five pupils representing the group.

237 Responding to the causes of learners' disruptiveness, Respondents A had this to say;

Conditions such as disorders, broken homes, illness and poor nutrition are of the challenges they face at home which reflect in their classroom behaviours.

Lack of audio-visual aids in teaching especially in primary, poor classroom control mechanisms, disinterest in classroom lessons, the subject itself and their presentations are said to be some of the main factors that contribute to learners' disruptive behaviours. (Respondents B).

The interview results revealed that learners' disruptive behaviours are caused by multiple of factors which include; ways by which teachers teach learners, disorders such as poor nutrition, broken homes which make students to be disruptive during teaching and learning. This confirms the assertion of Kumthekar et al (2016) that broken home, single parenting and indifferent treatment of parents towards their children affect their active focus and participation in class.

²⁴⁸ 11 c) Intervention Stage

After all these pre-intervention activities had been done, the researchers implemented the interventions.
 i

²⁵¹ 12 . Intervention implementation

The researchers implemented the interventions for the whole of January and February, 2020 but used each strategy concurrently. It was revealed that some learners pinch their peers, sleep, chat with the friends, and frequently move out to urinate during lessons. Since disruptiveness is an off-task behaviour, the researchers modified the instructional strategy of teaching to involve activity method to offer the learners the opportunity to practice and interact with learning resources to retain what is learnt. This strategy lasted for half of the month precisely from 1 st January, 2020 to 15 th January, 2020.

The learning activities were made for learners to practice and use adequate teaching and learning resources. This intervention was implemented alongside the setting of clear and observable classroom rules. The observation provided the researchers with a frequent count that they had to prompt the learners to obey the rules and participate fully in the lesson. The rules were pasted on walls and learners were frequently taken through. Those who went contrary were corrected with the stated outcomes. These activities were implemented from 16 th to 31 st of January, 2020; thus the rest of the month.

Cwalina (2005) emphasized that appropriate seating arrangement is a very important interventional strategy 264 for dealing with disruptive behaviours in the classroom. To minimize distractions, the researchers seated the 265 distractible learners away from the windows but close to the blackboard and next to the teachers for the first 266 week (from 1 st to 9 th of February, 2020). Here, learners appeared less distracted and exhibited various activities 267 than they had been doing in the previous seating arrangements. Learners with disruptive behaviours were paired 268 269 with learners with positive behaviours to serve as role models. Peer tutoring and cooperative learning were 270 encouraged. This was done alongside with motivational incentives where stickers, prizes, and food items or 271 privileges were given to learners who are hardworking, obedient and very attentive in class. These activities 272 lasted for only the second week; thus from 12 th to 16 th of February, 2020. Also, learners with undesirable behaviours were delayed for two to three minutes before going for break as their punishment. Some of the learners 273 suffered the withdrawal of privileges as a way to reduce inappropriate behaviours. This activity was put in place 274 in the third week; thus from 19 th to 23 rd of February, 2020 alongside the seating arrangement strategy. 275 Finally, individual assessments were also conducted for the rest of the month (26 th to 28 th) intermittently 276

to monitor the progress of the interventions and deviations were corrected. This brought a healthy competition

among the groups and individuals in the class. The analysis of the data is reported in graph and tables. 278 The provision of prompt feedback on behaviours and assessment were provided as an intervention to reducing 279 disruptive behaviours among learners. These were the last strategies conducted in the month of February, 280 281 2020. After the interventions had been implemented for a whole term, an assessment was conducted to find out whether the interventions had worked out. The assessment was conducted using class test, class exercises and 282 observations. It was observed that there was a dramatic improvement in learners' performance. When compared 283 learners' performance during preintervention with post-intervention performance, the results showed that there 284 had been improvement in their performance. The above table shows the post-test results after the interventions. 285 Seven (7) learners representing 15.6% performed below average. Thirteen (13) learners forming 28.9% had average 286 performance and twentyfive (25) learners constituting 55.6% performed above average. Comparing the pre-test 287 and the post-test results, it is evident that the number of learners who performed below average in the pre-288 test decreased from 66.7% to 15.6% in the post-test which shows a real improvement in the performance of the 289 learners. Also there was an increase in the number of learners who scored within the average group. While 22.2% 290 was obtained in the pre-test, 28.9% was obtained in the posttest which signifies an improvement in the lesson. 291 Again, the number of learners who scored above average in the pre-test increased from 11.1% to 55.5%. This in 292 all shows improvement. 293

²⁹⁴ 13 d) Post-test Analysis

295 V.

²⁹⁶ 14 Summary of Findings

The study presents the following as the summary of findings. Regarding the causes of students' disruptiveness, the results revealed that the nature of lesson instructions presented to a class, broken homes and other overt factors such as assignment incompletion, refusal to set rules and regulations in class indifferent treatment of parents towards their children, attention deficit-hyperactivity disorder, lack of motivation during teaching and learning, and inability of parents or guardians to afford their children's learning materials are said to be some of the main factors that affect their classroom behaviours and contribute to learners' disruptive behaviours.

Concerning the use of classroom modification strategies to address disruptive behaviours among the learners, creating a positive and engaging classroom atmosphere, ensuring appropriate seating arrangement, development of class routine chart, the choice of methodologies and its teaching resources, the use of classroom rewards and incentives, setting expectations for positive interactions, breaking of task into bits and lesson timing, using reinforcement and punishment strategies to increase desirable behaviours, giving learners' opportunity to respond and participate in classroom activities, providing appropriate behaviour management and ensuring conducive classroom environment were mentioned as techniques to address learners' disruptive behaviours.

310 **15** VI.

311 16 Conclusion

The following conclusions were drawn based on the findings of the study: Learners' disruptiveness are as result of the factors such as absenteeism, lateness, assignment incompletion, refusal to set rules and regulations in class, broken homes, indifferent treatment of parents towards their children, attention deficithyperactivity disorder, lack of motivation during teaching and learning, inability of parents or guardians to afford their children's learning materials among others. However, classroom modification strategies were the interventions implemented to address the problem.

318 **17** VII.

319 18 Recommendations

320 Based on the findings of the study, the following recommendations were made:

The Ghana Government, philanthropists, NGOs and other stakeholders in education should help provide 321 appropriate teaching and learning resources to schools in support of learners from broken homes, neglected and 322 323 the needy ones. There should be flexible, clear and observable rules to accommodate learners with disruptive 324 behaviours to enable them have a permanent positive change in behaviour. The provision of childcentered 325 approaches to teaching and learning which will give the learners opportunity to participate in lesson activities 326 should be encouraged and monitored by education boards, heads in schools and supervisors among others. Since these phenomena are emotionally and psychologically bound, it will be prudent that the Guidance and Counselling 327 Coordinating departments of the Ghana Education Service be intensified and fortified through frequent in-service 328 training to equip them for tasks like this. Parents ought to also give their wards the needed attention as effectively 329

330 as possible.

³³¹ 19 VIII. Suggestions for Further Research

According to the researcher, the use of rewards and visual aids are the suggested interventional strategies that could be used for this same study as far as learners' disruptiveness is concerned. Consequently, future research should aim exploring this angle.¹

 $^{^1 \}odot$ 2020 Global Journals

modifications which are carefully done to help learners with inappropriate learning behaviours. Again, making sure you have the learners' attention before giving instructions by maintaining eve contact, a close physical proximity and stating the desired behaviours in positive terms are very relevant to solve learners' disruptive behaviours. v. Reinforcement: Alberto, Troutman and Anne (2008) recommended the first step of solution that can be conducted by the teacher to reduce unex-

pected behaviour is using differential reinforce-

behaviour is using differential reinforcement. Martin

& Pear (2010) explained there are 5 steps of

differential reinforcement application. These points

should be done in a coherent, following: choose an

appropriate behaviour to strengthen that is

incompatible with the behaviour to be eliminated;

take baseline data of the appropriate behaviour over

several sessions or more to determine how frequently the appropriate behaviour should be

reinforced to raise it to a level at which it will replace

the inappropriate behaviour; select a suitable

schedule of reinforcement for increasing the appropriate behaviour; while strengthening the

incompatible behaviour, apply the guidelines for the

extinction of the problem behaviour; grad-ually

increase the schedule requirement for the

appropriate behaviour in such a manner that it

continues to replace the inappropriate b& haviour as

the reinforcement frequency decreases.

Appropriate seating arrangement is a very important

interventional strategy for dealing with disruptive

behaviours in the classroom. When the physical

environment in the classroom, especially seating 1

task into bits and lesson timing are instructional Year 2020 Volume XX Issue XIX Version I (A) Global Journal of Human Social Science -

Figure 2: Table 1 :

Figure 3:

 $\mathbf{2}$

Performance of pupils	Number of	Percentage $(\%)$
	Pupils	
Below average performance	30	66.7
Average performance	10	22.2
Above average performance	5	11.1
Total	45	100
		Field data, 2020

Figure 4: Table 2 :

3

Performance of pupils	Number of	Percentage $(\%)$
	learners	
Below average performance		1 5.6
Average performance	13	28.9
Above average performance	25	55.6
Total	45	100
		Field data, 2020

Figure 5: Table 3 :

- [Adolesc et al. ()] Academic underachievement, attention deficits and aggression, Adolesc , Health , S P Hinshaw
 . 1992a. 36 p. .
- [Merrell and Boelter ()] 'An investigation of relationships between social behavior and ADHD in children and
 youth'. K W Merrell , E Boelter . Journal of Emotional and Behaviour Disorder 2001. 9 (4) p. .
- [Kumthekar et al. ()] 'ANG1005, a novel brain penetrant taxane derivative for the treatment of recurrent brain
 metastases and leptomeningeal carcinomatosis from breast cancer'. P Kumthekar, S-C Tang, A J Brenner,
 S Kesari, D Eric. Journal of Clinical Oncology 2016. 34 p.
- [Alberto et al. ()] Applied Behaviour Analysis for Teachers, P Alberto , A Troutman , C Anne . 2008. New
 Jersey: Pearson. (th ed.)
- [Martin and Pear ()] 'Behaviour modification: What it is and how to do it'. G Martin , J Pear . Upper Saddle River, (NJ) 2010. Prentice Hall.
- [Classroom Management: A Strategy to Curbing Disruptive Behaviours among 5th Grade Learners in Ghanaian Pre-Tertiary Sch
 Classroom Management: A Strategy to Curbing Disruptive Behaviours among 5th Grade Learners in Ghanaian
- Pre-Tertiary Schools (Evidence from Ridge Experimental School, Akyem-Oda, Birim Central Municipality in
 the Eastern Region of Ghana
- [Comorbidity and implications for intervention Journal of Consulting and Clinical Psychology] 'Comorbidity
 and implications for intervention'. Journal of Consulting and Clinical Psychology 60 p. .
- [Prayitno and Amti ()] 'Dasar-dasar Bimbingan dan Konseling'. C Prayitno , E Amti . Jakarta: Rineka Cipta
 2013.
- [Anderson and Morgan ()] Developing tests and questionnaires for a national. Assessment of educational
 achievement, P Anderson , G Morgan . 2008. Washington DC: World Bank.
- [Diagnostic and Manual for Mental Disorder. IV, text revision DSM-IV-TR ()] Diagnostic and Manual for Mental Disorder. IV, text revision DSM-IV-TR, 2000. 2000. Arlington, Virginia: American Psychiatric Publishing.
- [Moore and Crutsinger ()] Diagnostic and Statistical Manual of Mental Disorders: DSM IV-TK 4th, Text
 Revision, Edition, P Moore, D Crutsinger . 2000. Washington, D. C: American psychiatric Association.
- [P. Moore D. Crutsinger (ed.) ()] Diagnostic and Statistical Manual of Mental Disorders: DSM-IV-TK 4th, Text
 Revision, P. Moore & D. Crutsinger (ed.) 2000. Washington, D. C: American psychiatric Association.
- [Conroy et al. ()] 'Early childhood teachers' use of effective instructional practices and collateral effects on young
 children's behaviour'. M A Conroy , K S Sutherland , A K Vo , S Carr , P L Ogston . Journal of Positive
 Behaviour Interventions 2014. 16 (2) p. .
- 365 [Nye ()] Emotional styles and modern forms of life, R A Nye . 1957. London.
- 366 [Mather et al. ()] Learning Disabilities and Challenging Behaviours: A Guide to Intervention and Classroom
- 367 Management, N Mather, S Goldstein, K Eklund. 2001. Baltimore, MD: Paul H. Brookes.
- 368 [Vanbarren ()] Observational data analysis: A guide, D Vanbarren . 2019. New York.
- [Antwi-Danso ()] Personality Traits, S Antwi-Danso . 2012. Winneba: University of Education Press.
- 370 [Slavin ()] 'Psikologi Pendidikan Teori dan Praktik'. Robert E Slavin . Jakarta: Indeks 2009.
- [Owu-Ewie ()] Research methodology: An introduction, C Owu-Ewie . 2011. Winneba; Winneba. University of
 Education
- 373 [Bonney ()] School Related Problems, E N Bonney . 2017. Winneba: FPPS.
- 374 [Student policies ()] Student policies, (Baltimore) 2020. CCBC. Community College of Baltimore County
- [Dreyer ()] 'The diagnosis and management of attention-deficit/hyperactivity disorder in preschool children. The
 state of our knowledge and Practice'. B P Dreyer . Curr Probl. Pediatr 2006.
- 377 [The Pre-Tertiary Education Curriculum Framework National Council for Curriculum and Assessment ()] 'The
- Pre-Tertiary Education Curriculum Framework'. National Council for Curriculum and Assessment 2019. National Teaching Council (NTC)
- [Witzel and Mercer ()] 'Using rewards to teach students with disabilities: Implications for motivation'. B S Witzel , C D Mercer . *Remedial and Special Education* 2003. 24 p. .