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Analysis of Digital Whiteboard Foster Student Engagement using SPSS

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Abstract

Digital Whiteboard Foster Student Engagementan interactive clever board, additionally called an electronic white board, is a study room device that lets in pictures from a pc display to be displayed on a school room board using a digital projector. The trainer or pupil can "interact" without delay with the pictures on the display the use of a tool or finger. I will display how those two axes create a -dimensional "map" with 4 engagements: "Scaffolding," "Convenient," "Active," and "Duty." I finish that a few delivery strategies lean extra closer to one quadrant than the oppositeResearch shows that using an interactive whiteboard in class increases student learning and engagement.Social engagement is online a person in society consists of level of participation and communication. The goal of social engagement is for the individual an emotional bond between societies it's about making connections. Intellectual engagement. Embrace challenge and curiosity. Explore topics with a desire to discover and make connections. Intrinsic motivation to learn, perhaps with others. To construct knowledge.Simply put, emotional involvement it is the engagement and interest of students in school when students are emotionally involved they participate in school, and that participation Emotional engagement motivates employees to work and contribute with the same enthusiasm and commitment, regardless of the disruptions.Physical engagement employees do their job physically and mentally while doing to what extent they spend their efforts indicates that con employees do their job and 'fly around' themselves during the experience he used descriptive examples a high level of personal involvement during that time.Behavioural engagement refers to students engaging in learning to observe; it is the students in academic activities participatory and educational activities represents attempts to make Behavioural involvement Student involvement in school activities behaviour in class and motivation for academic work refers to in these activities participation in school also has positive academic outcomes also important for preventing dropouts.

1. Introduction

An interactive clever board, additionally called an electronic white board, is a study room device that lets in pictures from a pc display to be displayed on a school room board using a digital projector. The trainer or pupil can "interact" without delay with the pictures on the display the use of a tool or finger. I will display how those two axes create a -dimensional "map" with 4 engagements: "Scaffolding," "Convenient," "Active," and "Duty." I finish that a few delivery strategies lean extra closer to one quadrant than the opposite; Any lesson – regardless of transport – must use gaining knowledge of activities from engagement in the study room: behavioural, cognitive, and affective These 3 types are awesome, however interrelated. Making studying a laugh is a tremendous way to maintain college students engaged, and using games is one of the easiest approaches to do this. There are many unique on-line games that teachers can use to create fun studying activities for his or her college students, which include virtual trivia, virtual dictionary or digital musical chairs! Encourage scholar engagement and make the gaining knowledge of system more interesting, Internet connectivity contains different studying styles, makes lesson revision greater convenient, permits teachers to engage themselves more with the aid of identifying pupil likes and dislikes and changing activities and applications as wanted.He recommends reflecting on each lesson and considering how the trainer and students can work together to improve the getting to know procedure. Some of the benefits of whiteboards in the school room consist of elevated scholar engagement, differentiation of studying zones, pleasant motor skill enhancements, and versatility in coaching.The goal of social engagement is for the individual an emotional bond between societies it's about making connections. Intellectual engagement. Embrace challenge and curiosity. Explore topics with a desire to discover and make connections. Intrinsic motivation to learn, perhaps with others. To construct knowledge.Simply put, emotional involvement It is the engagement and interest of students in school when students are emotionally involved they participate in school, and that participation Emotional engagement motivates employees to work and contribute with the same enthusiasm and commitment, regardless of the disruptions.Physical engagement employees do their job physically and mentally while doing to what extent they spend their efforts indicates that con employees do their job and 'fly around' themselves during the experience he used descriptive examples a high level of personal involvement during that time.Behavioural engagement refers to students engaging in learning to observe; it is the students in academic activities participatory and educational activities represents attempts to make Behavioural involvement Student involvement in school activities behaviour in class and motivation for academic work refers to in these activities participation in school also has positive academic outcomes also important for preventing dropouts. One advantage of interactive whiteboards is they permit simultaneous data access from more than one points. However, this advantage can quickly grow to be a disadvantage if a board distorts or confuses information coming from multiple input gadgets simultaneously. All answersin a set of teaching techniques. It's undoubtedly a

time-saver at times, has some great features, and I really like saving and sharing spontaneous whiteboard notes in a class session.

2. Digital Whiteboard Foster Student Engagement

The use of interactive whiteboards in colleges has emerged as extensive in many countries round the world. This proliferation has befell no matter the modest costs of buying and keeping interactive whiteboard (IWB) technology and the now and again significant burdens on schooling workforce to apply them efficiently. Increasing students' motivation in this view, the technological abilities of the IWB and its assistant software program make college students extra persuasive and successfully have interaction them within the route content material. Investing monetary and human assets in IWB generation is taken into consideration in part as it promises extra engaging getting [1].There is simplest one take a look at analyzing how net conferencing affects emotional engagement, despite the fact that students who participated in net conferencing had better ranges of hobby in path content than folks who did not one feasible reason for the wonderful cognitive and affective engagement findings is that web-conferencing software offers many capabilities that inspire energetic studying. For instance, whiteboards and breakout rooms provide possibilities for real-time, collaborative hassle-fixing sports and discussions. However, similarly research is hard to isolate and evaluate specific net-conferencing features to determine which has the best impact on student engagement [2]. The teachers randomly decided on a group of six of their students and worked with them at some stage in the course of the university revel in. Given the limited size of the organization, we chose to divide it equally to contain each author, for that reason giving us the opportunity to get extraordinary evaluations from them. One of the participating teachers became female and the alternative male teacher, every with about 10 years of experience in specifically mathematics and natural technological know-how topics. Both instructors had been acquainted with IWBs earlier than the Callboard exams; however, neither had ever used a digital pen earlier than. They on occasion used IWBs in approaches similar to conventional whiteboards, which includes providing didactic content material, solving example sports, and growing annotations. They extensively utilized IWB as a method of delivery [3].Technology allowed instructors opportunities to plan activities based totally on their students' previous understanding. This was obvious in Case H, wherein Helen used the Plungers app to conduct pre-exams. Plungers replicate using a study room response system that uses character scholar codes published on cards rather than person devices or clicker gadgets. Because Helen's school did no longer have a BYOD application and had confined get right of entry to college students' gadgets for the duration of records collection, Plucker allowed her to gather data on her students' pre-existing understanding the use of more than one-desire questions, an interactive whiteboard, and her non-public mobile Smartphone. . Helen talked about how she makes use of this statistics to tell teaching, acquire assessment statistics and percentage pupil work with dad and mom. While this method is without difficulty replicated the use of traditional pen and paper evaluation, era affords immediately consequences, saves time, and engages kids in the system with greater engagement and impact [4]. In reality, he best used the IWB to present a scanned textbook. He did now not take advantage of the capacity of the whiteboard to sell interactive studying and for college kids to explore and construct know-how. Also, when considered with software program capability, he used generation as a complete supplement to the curriculum [5].A virtual Whiteboard is an interactive screen show It users media, audio, images or register other records collaboration to draw and deliver helps to beautify Students can have interaction with each different, in addition to the content material. The wealthy records of interactive digital whiteboards in primary and secondary schooling has supplied clean tips for his or her use in coaching and getting to know (Heemskerk, Kuiper, & Meijer, 2014; Ipek&Sozcu, 2016). They factor out that there's a consistent upward push in their application with the accepted use of interactive virtual whiteboards in number one and secondary schools in many countries (such as the Netherlands and the United Kingdom) [6]. Introducing an interactive whiteboard (IWB), which novices can use interactively in the course of entire-elegance teaching, can provide new possibilities to publicly explicit their ideas the use of now not only verbal however additionally graphical and different representations. So they can extra without problems demonstrate medical understanding and acquire trainer (and peer) feedback. IWB provide collaborative possibilities for reasoning, hypothesis trying out, and interpretation that go past what is obtainable by way of greater established school room devices [7].Electronic white board in my classroom. These ideas encompass subjectivity, identification formation, and worldviews which are formed or fashioned in the classroom, perhaps because of our paintings with era in literacy instruction. I additionally share what we as critical educators can do in our paintings with college students and era, in this situation, digital whiteboards, to aid student studying and shape understandings of literacy and how literacy must be utilized by students [8]. A virtual whiteboard is incorporated with synchronous elegance sessions to finish the instructional experience. During those sessions, students and teachers interacted to generate thoughts and socialize studying. The purpose of this take a look at turned into to assess the impact of introducing a digital whiteboard on student engagement. The size method collected students' perceptions via an online survey with 12 gadgets. The consequences showed that scholars enjoyed the dynamic (four.Fifty six) and college students believed that the integration of the digital whiteboard contributed (4.72) to their knowledge of abstract principles (4.Eighty three). Designing instructional programs that comprise those sources translates into energetic studying dynamics that foster scholar engagement [9]. This architectural development coincided with swiftly-evolving branch-huge technological advances that challenged traditional teaching techniques at this faculty. Church teachers desired to make sure that investment in destiny constructing initiatives and new technology would benefit college students by means of having a high-quality effect on future coaching pedagogy, scholar studying and scholar engagement [12].Perhaps one of the maximum debatable aspects of a tablet version is the archiving of lecture notes. Many chemistry college students in any respect ranges do no longer prevail due to the fact they lack complete and accurate references to look at and study cloth outside of sophistication. Archived lecture notes obtained from pill PCs can assist these students and provide a exceptional production of lectures that enhances textbooks and other studying sources. Potential terrible results of providing lecture notes are that students won't attend elegance often or sit down passively in magnificence. Although

quantitative data on scholar attendance had been now not to be had, there was no tremendous distinction in pupil attendance among conventional and tablet-improved codec's [11]. The introduction of social media and its use within the school room offers instructors with the opportunity to foster scholar engagement during non-academic durations. Furthermore, social media permits 1/3 parties along with different educators, college students, and specialists to have interaction in the situation, which was no longer feasible before the proliferation of social media [12]. Often, retaining pupil engagement whilst not requiring students to be bodily present on the lecture is a good stability if the recording may be viewed at any time after the lecture. Concern about losing face-to-face touch with college students (Masood et al., 2011), at the side of other debates surrounding pedagogical practices along with how to investigate scholar participation in physical activities and lectures (Sweeney et al., 2004) versus an online 'bulletin board method' [13]. Creates a arguable space for discussing the connection between Interactive Whiteboard (IWB) technology utility. All teachers had full-time school room get entry to and have been new to IWB at the beginning of the year. The studies statistics mentioned on this paper are derived from a examine investigating the educational desires and developmental trajectories of EFL instructors as they included interactive whiteboard technology into the curriculum inside the context of secondary colleges in Iran [14]. Another strand of discussions dealt with how a device inclusive of the interactive whiteboard was acquired in college students' real practice of their colleges. The dialogue became initiated through a lady pupil who changed into a trainer herself in her every day exercise: 'Most of the classrooms in my place of job have smart boards installed. I see that as a massive gain, even though clever forums are greeted with wonderful scepticism among my colleagues. I discover that whiteboards can add textual content from books and spoken words in conjunction with picas and animations. It hence paves the manner for instructional layout that carries aesthetic dimensions. New gear are met with scepticism from teachers, a lot of whom experience reluctant and reluctant to new challenges' (scholar, first semester, our translation) [15].First, self-directed studying (SDL) become explored as a manner to aid the transition from undergraduate to postgraduate gaining knowledge of. Research then discovered the perceived cost of on-line mastering equipment (on-line checks and podcasts) that facilitated SDL. The examiner also reviews analyzes of students' earlier information, motivation, and engagement with studying. After the consultation, college students got the equal test with accurate answers. In this way, the test becomes used now not best as a formative evaluation, however also as remarks and self-monitoring (Sadler 1989). Overall, this mixed transport model pursuits to foster know-how transfer by using engaging college students within the subject matter discussed subsequent [16]. In Excerpts 2a and 2b, the teacher become tapping TF guidelines as they were carried out via students of their speech in real time, visible to the whole elegance, growing a dynamic sample of their incidence. The college students' egalitarian talk, which induced them to faucet into the trainer's positive communicate rule, effectively modelled for listening peers the sorts of contributions valued through the teacher and thereby the elegance. Evolving representations supplied the complete elegance with the help of their teachers' taping, an possibility to constantly evaluate the contributions of their classmates and judge for themselves the effectiveness of each contribution in stimulating similarly thoughts and concepts [17].For the statistical analysis, we used SPSS software version 16.

3. Social Engagement

Social engagement is online a person in society consists of level of participation and communication. The goal of social engagement is for the individual an emotional bond between societiesit's about making connections. These communities are often led by or associated with a brand or organization. Social involvement is to build and maintain direct contact with family members, relatives, friends, neighbours or colleagues. These contacts can occur in a variety of ways, such as telephone calls or visits, trips or joint participation (eg, participating in classes, volunteers, etc.). They can exchange social support, which is discussed below on the basis of assisting activities [18].Social involvement in the extent of cognitive activity in the elderly from the rush memory and the elderly program, the clinical-physiological study of risk factors for common chronic conditions of the elderly. We have used three activities of social involvement: the size of the social network, the frequency of participation in social activities and the perception of social support. The cognitive estimated by the battery of 19 performance tests administered in the approximately 1-H session. Based on a section analysis of the tests of basic, episodic memory, semantic memory, work memory, processing speed, and mixed acting skills (Wilson and many others, 2002). By creating these mixed measures, it was possible to explore the interaction of social involvement with many cognitive domains. In the analysis, we have tested whether these associations are associated with high levels of intellect, and whether these associations are different in cognitive domains, and other vulnerabilities, lifestyle and health variables are attributed to these associations [19].The study of the connection between social involvement and depression is complicated by the possibility of mutual cause (depression causes low levels of social involvement). Depression in the elderly often involves losing interest in premature social characters (Fukukawa et al. 2004; Newman, Engel, & Jenson, 1991). Therefore, the long -term designs with relatively long -term observation, multiple assessments of depression, and extensive measures of health conditions provide a better opportunity to test the assumption that social involvement is associated with [20].

4. Intellectual Engagement

Intellectual engagement. Embrace challenge and curiosity. Explore topics with a desire to discover and make connections. Intrinsic motivation to learn, perhaps with others. To construct knowledge.Intellectual performance (that is, the level of performance of persons reaching when devoted to all the efforts available to an intellectual task) and regular intellectual performance (ie, the average level of performance achieved by persons in wide range of circumstances). This difference (Akarman, in the magazine) causes potential fitness between the ability or the ability to be used for selection or employment purposes [21].These studies are mainly concerned about which factors are specific, overall, standards and how many variations they are. This study is in that tradition. It focuses on regular intellectual involvement (TIE) as forecasting school success. The results in this area have clear educational impacts on the interpretation of the student selection and training and

the results of the results of the exam [22].He argues that the path of Roland's intellectual involvement, which inspired his involvement in the 1890s's people's theatre, includes five understandable "languages" or stages from his criticism from his criticism from 1930 to 1930. At this stage, Roland was a strong supporter of French and Spanish Popular Friends. Unlike Andre Gide, he has not publicly expressed his personal doubts about the development of the Moscow Refinery in the Soviet Union. Roland was wisely recommended on behalf of individuals and was able to get the release of Victor Sergei from the Soviet Prison Camp [23].Intellectual involvement. Some people define learning behaviour of students in homework and study habits (Yassi-Mintz, 2006) engagement in learningbetween students and students It involves building a deeper connection object, thereby developing interest in the topic of a student or retaining learning beyond a short time. There are no accurate formulas for managing a classroom for intelligent involvement [24].

5. Emotional Engagement

Simply put, emotional involvement It is the engagement and interest of students in school when students are emotionally involved they participate in school, and that participation Emotional engagement motivates employees to work and contribute with the same enthusiasm and commitment, regardless of the disruptions. It would be a good idea for companies to measure their employees' emotional engagement score and introduce tools and practices to increase it.We start with the discussion of materials, media and material, and then discuss the relationship between materials and emotions, and the relationship between emotions and learning. Finally, we present a collection of ideas on how to use materials to increase emotional involvement in management learning processes [25].Emotional involvement was explored in a long study of elementary and secondary school students in three periods. A total of 170 students were surveyed, and the study was conducted using the structural equation model. Results show that emotional involvement is stable over time. Furthermore, results show that the teacher's emotional involvement in student relationships and the fellow-group relations that have been perceived over time is part of the school's involvement; It also contains behavioural and cognitive dimensions (Fredricks, Blumenfeld, & Paris, 2004). Conduct involvement in learning and learning, while cognitive engagement refers to the individual investment in learning activities, in which the commitment to self -control and teach (Fredricks et al., 2004). Also, emotional involvement involves the experiences of the school community [26].

6. Physical Engagement

Physical engagement employees do their job physically and mentally while doing to what extent they spend their efforts indicates that con employees do their job and 'fly around' themselves during the experience he used descriptive examples a high level of personal involvement during that time.If children with video game and extremely are more progressing than children in other two stages, the intellectual involvement in the video game is a means of serious consequences in the video game in EF. On the other hand, if children in exercise and exercise have more improvements than children in other two stages, it will indicate physical involvement [27].Physical involvement and creative expression creates the artefact-a "interactive feedback ring" of participating in the process. There is a strong theoretical basis that suggests that learning experiences, which include physical involvement and learning physical contacts, are especially effective (see a review), and the communication designers and the museum coaches have realized that both of them have the ability to transform learning experiences further involvement [28].Physical activity interventions can be used to promote school engagement, the most effective physical activity (the period of physical activity, the period of the period, the intensity and the type of intervention) to improve the school engagement. We also need to decide which youth groups (children and adolescents) are very effective in physical activity. Once these potential assessors of the connection between physical activity and school involvement are examined, interventions using physical functions can be designed to effectively promote school involvement [29].

7. Behavioural Engagement

Behavioural engagement refers to students engaging in learning to observe; it is the students in academic activities participatory and educational activities represents attempts to make (Fredricks et al. 2004; Suarez-Orozco et al. 2009). Behavioural involvement Student involvement in school activities behaviour in class and motivation for academic work refers to in these activities participation in school also has positive academic outcomes also important for preventing dropouts.Conduct of behaviour refers to a large range of behaviours’behaviours that differ from one study to another. What are the benefits and disadvantages of using global measurement or specific behaviour? The purpose of the current study is to test the multiple dimensions of the structure of behaviour. If the variation in the severity of the engagement is simply reflected, the behaviour from one study to the other is not very complicated. However, if certain relationships are specific between some types of behaviour and some interactions, the differences in the indicators of behaviour between the study may change the form of the results. In the next part, we have checked to see if in previous studies were found in previous studies using different indicators of behaviour involvement [30]. Connection and Achievement: Unique and Integrated Structures. Second, the study assesses whether the behaviour engagement involves many different behaviours (eg, participation, compliance and misconduct) whether the teacher autonomous support and structure of the classroom-coincidence of the structure will benefit three types of behaviour. In the language of language, as well as students' reading achievement inspiration for linking teaching practices it further explores whether there are methods that give and student involvement and achievement are similar to teaching procedures and various aspects of student behaviour engagement [31].Career involvement in choice, justifying, reading and writing is their reading topic knowledge and above topic contributed to their performance. In particularbehavioural involvement in choice and reasoning tasks, for the text test content-based and of source-conflict-based reasoning Improved and updated the forecast of conduct content and content coordination in reading and writing tasks. Written products, two topics are the largest effect sizes obtained for behaviour[32].

TABLE 1. Descriptive Statistics

	N	Range	Minimum	Maximum	Mean	Std. Deviation
Social Engagement	25	4	1	5	2.88	1.236
Intellectual Engagement	25	4	1	5	3.08	1.525
Emotional Engagement	25	4	1	5	2.72	1.458
Physical Engagement	25	4	1	5	3.00	1.528
Behavioural Engagement	25	4	1	5	3.04	1.428
Cultural Engagement	25	4	1	5	2.84	1.491
Valid N (listwise)	25					

Table 1 shows the descriptive statistics values for analysis N, range, minimum, maximum, mean, standard deviation Social Engagement, Intellectual Engagement, Emotional Engagement, Physical Engagement, Behavioural Engagement, Cultural Engagementthis also using.

TABLE 2. Frequencies Statistics

		Social Engagement	Intellectual Engagement	Emotional Engagement	Physical Engagement	Behavioural Engagement	Cultural Engagement
N	Valid	25	25	25	25	25	25
	Missing	0	0	0	0	0	0
Mean		2.88	3.08	2.72	3.00	3.04	2.84
Median		3.00	3.00	3.00	3.00	3.00	3.00
Mode		3	5	1	5	3	1[a]
Std. Deviation		1.236	1.525	1.458	1.528	1.428	1.491
Sum		72	77	68	75	76	71
Percentiles	25	2.00	2.00	1.00	2.00	2.00	1.00
	50	3.00	3.00	3.00	3.00	3.00	3.00
	75	3.50	5.00	4.00	5.00	5.00	4.00
a. Multiple modes exist. The smallest value is shown							

Table 2 Show the Frequency Statistics inDigital Whiteboard Foster Student Engagement Social Engagement, Intellectual Engagement, Emotional Engagement, Physical Engagement, Behavioural Engagement, Cultural Engagementcurve values are given

TABLE 3. Reliability Statistics

Cronbach's Alpha	Cronbach's Alpha Based on Standardized Items	N of Items
.865	.861	6

Table 3 shows the Cronbach's Alpha Reliability result. The overall Cronbach's Alpha value for the model is . 865 which indicates 86% reliability. From the literature review, the above 86% Cronbach's Alpha value model can be considered for analysis.

TABLE 4. Reliability Statistic individual

	Cronbach's Alpha if Item Deleted
SocialEngagement	.881
IntellectualEngagement	.840
EmotionalEngagement	.817
PhysicalEngagement	.822
Behavioural Engagement	.831
CulturalEngagement	.851

Table 4 Shows the Reliability Statistic individual parameter Cronbach's Alpha Reliability results. The Cronbach's Alpha value for Social Engagement - .881, Intellectual Engagement - .840, Emotional Engagement -.817, Physical Engagement - .822, Behavioural Engagement - .831, Cultural Engagement -.851This indicates all the parameter can be considered for analysis.

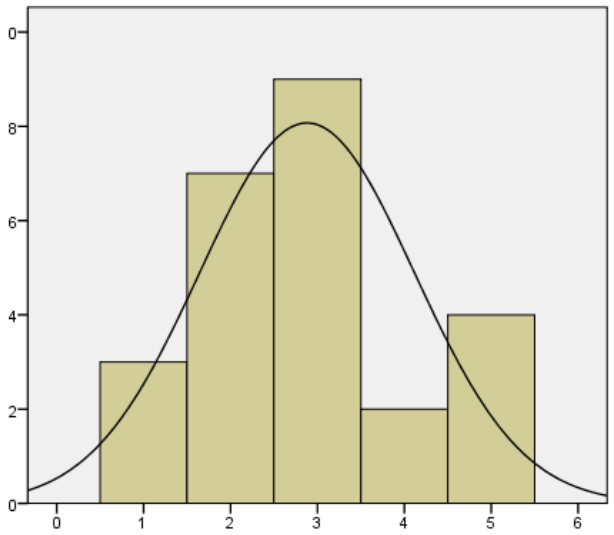

FIGURE 1. Social Engagement

Figure 1 shows the histogram plot for Social Engagement from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 for Social Engagement except the 2 value all other values are under the normal curve shows model is significantly following normal distribution.

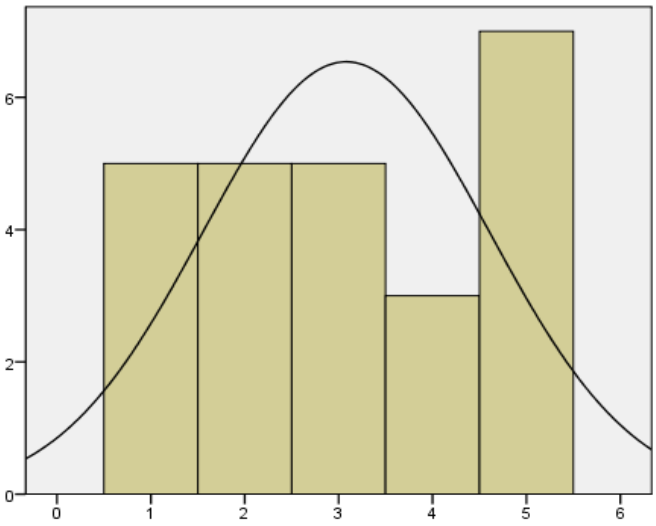

FIGURE 2. Intellectual Engagement

Figure 2 shows the histogram plot for Intellectual Engagement from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 5 for Prediction markets except the 2 value all other values are under the normal curve shows model is significantly following normal distribution.

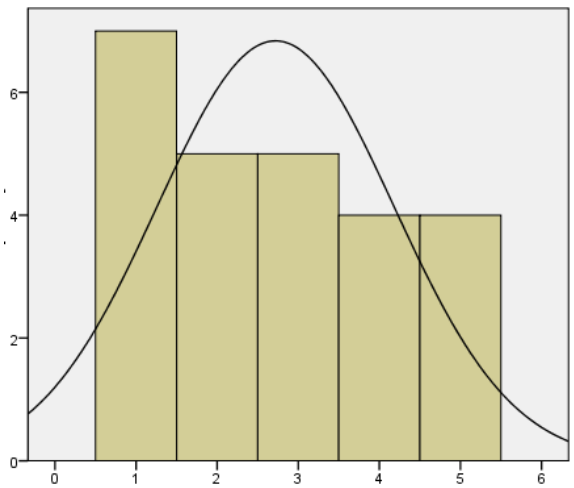

FIGURE 3. Emotional Engagement

Figure 3 shows the histogram plot for Emotional Engagement from the figure it is clearly seen that the data are slightly Left skewed due to more respondent chosen 1 for Emotional Engagement except the 3 value all other values are under the normal curve shows model is significantly following normal distribution.

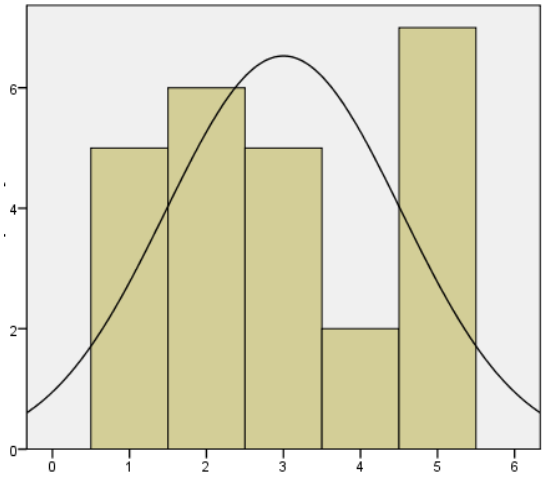

FIGURE 4. Physical Engagement

Figure 4 shows the histogram plot for Physical Engagement from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 5 for Physical Engagementexcept the 4 value all other values are under the normal curve shows model is significantly following normal distribution.

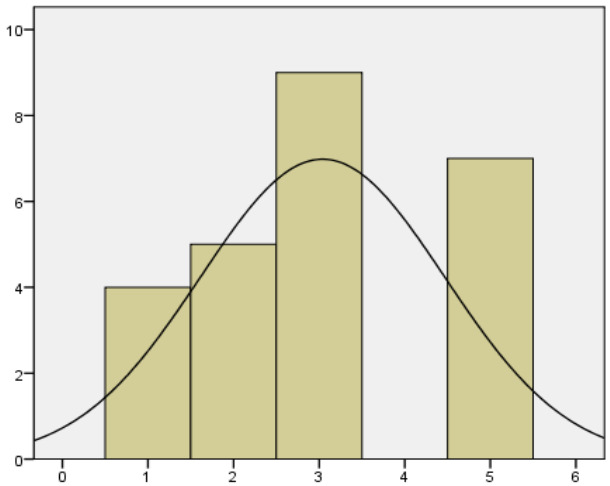

FIGURE 5. Behavioural Engagement

Figure 5 shows the histogram plot for Behavioural Engagement from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 3 for Behavioural Engagementexcept the 3 value all other values are under the normal curve shows model is significantly following normal distribution

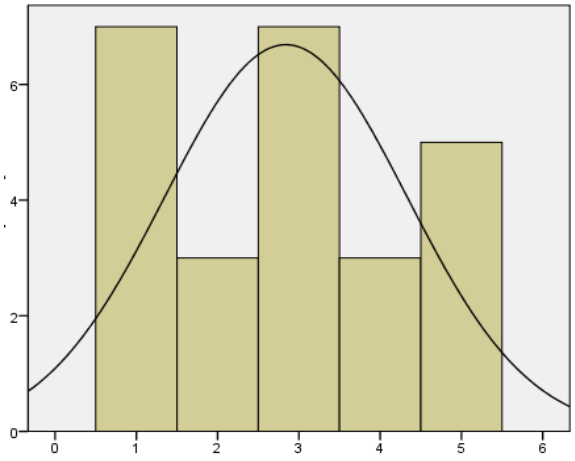

FIGURE 6. Cultural Engagement

Figure 6 shows the histogram plot for Cultural Engagement from the figure it is clearly seen that the data are slightly Right skewed due to more respondent chosen 1,3 for Cultural Engagement except the 2 value all other values are under the normal curve shows model is significantly following normal distribution

TABLE 5. Correlations

	Social Engagement	IntellectualEngagement	Emotional Engagement	Physical Engagement	BehaviouralEngagement	Cultural Engagement
Social Engagement	1	.271	.351	.353	.263	.419*
Intellectual Engagement	.271	1	.629**	.662**	.553**	.464*
Emotional Engagement	.351	.629**	1	.729**	.726**	.553**
Physical Engagement	.353	.662**	.729**	1	.688**	.457*
Behavioural Engagement	.263	.553**	.726**	.688**	1	.512**
Cultural Engagement	.419*	.464*	.553**	.457*	.512**	1

Table 5 shows the correlation between motivation parameters for Social EngagementforCultural Engagement is having highest correlation with Behavioural Engagement and having lowest correlation.Nextthe correlation between motivation parameters for Intellectual EngagementforPhysical Engagementis having highest correlation with Social Engagementand having lowest correlation.Nextthe correlation between motivation parameters for Emotional EngagementforPhysical Engagementis having highest correlation with Social Engagement and having lowest correlation.Nextthe correlation between motivation parameters for Physical EngagementforEmotional Engagement is having highest correlation with Social Engagement and having lowest correlation.Nextthe correlation between motivation parameters for Behavioural EngagementforEmotional Engagementis having highest correlation with Social Engagement and having lowest correlation.Nextthe correlation between motivation parameters for Cultural EngagementforEmotional Engagementis having highest correlation with Social Engagement and having lowest correlation.

8. Conclusion

An interactive clever board, additionally called an electronic white board, is a study room device that lets in pictures from a pc display to be displayed on a school room board using a digital projector. The trainer or pupil can "interact" without delay with the pictures on the display the use of a tool or finger. I will display how those two axes create a -dimensional "map" with 4 engagements: "Scaffolding," "Convenient," "Active," and "Duty." I finish that a few delivery strategies lean extra closer to one quadrant than the opposite; any lesson – regardless of transport – must use gaining knowledge of activities from engagement in the study room: behavioural, cognitive, and affective These 3 types are awesome, however interrelated.The goal of social engagement is for the individual an emotional bond between societies it's about making connections. Intellectual engagement. Embrace challenge and curiosity. Explore topics with a desire to discover and make connections. Intrinsic motivation to learn, perhaps with others. To construct knowledge simply put, emotional involvement it is the engagement and interest of students in school when students are emotionally involved they participate in school, and that participation Emotional engagement motivates employees to work and contribute with the same enthusiasm and commitment, regardless of the disruptions.Physical engagement employees do their job physically and mentally while doing to what extent they spend their efforts indicates that con employees do their job and 'fly around' themselves during the experience he used descriptive examples a high level of personal involvement during that time.Behavioural engagement refers to students engaging in learning to observe; it is the students in academic activities participatory and educational activities represents attempts to make Behavioural involvement Student involvement in school activities behaviour in class and motivation for academic work refers to in these activities participation in school also has positive academic outcomes also important for preventing dropouts.The Cronbach's Alpha Reliability result. The overall Cronbach's Alpha value for the model is. 865 which indicate 86% reliability. From the literature review, the above 86% Cronbach's Alpha value model can be considered for analysis.

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