

## **The Development Of Healthy School Educational Management Model In Educational Opportunity Extension Schools**

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### **Abstract**

The School Extends Educational Opportunities As A Form Of School Development That Is Far Away From Gratitude That Can Raise The Quality Of Education To A Certain Extent. However, School Development Needs To Be Developed Holistically So That All Organs Are Developed Equally. Healthy School Is One Of The Forms Of Educational Development To Achieve A Good Educational Standard. This Research Aims To (1) Analyze The Elements And Indicators Of School Education Management. (2) Develop A Model Of School Education Management, Health In Schools To Expand Educational Opportunities. And (3) To Study The Results Of The Implementation Of The Educational Management Model In Health Schools. The Research Instruments Were Questionnaires, Semi-Structured Interviews, Model Assessments, And School Health Management Assessments. The Statistics Used Were Mean, Standard Deviation, Exploratory Factor Analysis, And Confirmatory Factor Analysis. The Research Results Found That;

The Elements And Indicators Of A Healthy School Education Consisted Of 4 Main Elements And 16 Indicators. The Most Important Elements Were Healthy Of Family And Community, Healthy Of School, Healthy Of Environment, And Healthy Of Student Respectively. The Model Of School Education Management, Health In Schools Expanding Educational Opportunities, Are (1) Principles And Rationale. (2) The Purpose Of The Model. (3) The Structure And Content Of The Model. (4) Operating Process. (5) Guidelines For Measuring And Evaluating Models. (6) Conditions For The Implementation Of The Design. The Results Of Assessing The Suitability Of The Model Are At The Highest Level And The Feasibility Of The Model Is High. After The Implementation Of The Model, There Was A Higher And Higher Level Of Mean Behavioral Behavior Or Healthy Before The Model Was Applied.

**Keywords:** Health School, Educational Management For Healthy School, Education Management Model

### **Introductions**

Human Resources Are An Important Driving Factor In Improving The Development Of The Country In All Dimensions. Therefore, It Is Necessary To Lay The Foundation For The Systematic Development Of The Country's Human Resources. "Thai People In The Future Must Be Ready Both Physically, Mentally, Intellectually, Have Good Development All Around And Have Good Health At All Ages, Have A Career According To Their Own Aptitude." Thailand Has Therefore Developed The National Strategy (2018-2037), With The 4Th Strategy On Human Resource Development And Capacity Building. Has Formulated Strategic Issues That Focus On Solving Current Human Resource Development Problems With Goals; 1) Thai People Are Good People, Smart People With Quality, Ready For The 21st-Century Lifestyle. 2) Thai Society Has An Environment That Is Conducive To And Supportive To The Development Of People Throughout Their Lives, Especially In Terms Of Healthy Defined As A Strategic Issue 4.5: Enhancing Thai People's Healthy, Covering Both Physical Aspects, Mind, Intellect, And Society.

Focus On Strengthening All Forms Of Health Management Leading To Self-Efficacy Of Good Health Management. It Also Encourages All Sectors To Take Part In Enhancing The Health Of Thai People And Having Good Health Skills (Government Gazette. 2018). The National Education Plan 2017 - 2036 Has Set A Vision In Line With The National Strategy That All Thais Receive Quality Education And Learning Throughout Their Lives, Living Happily, In Line With The Philosophy Of The Sufficiency Economy And The Change Of The 21St-Century World (Office Of The Education Council Secretariat. 2017).

While The Result Of The Country's Educational Management At All Levels, There Are Still Problems In Terms Of The Quality Of Thai Learners And Graduates Of Various Levels Who Still Have Educational Achievement. Attributes And Skills Are Not Satisfactory. Young Children (0–3 Years) Still Have Developmental Problems And Developmental Delays. School-Age Children Also Had Problems With Their Cognitive Abilities (Iq) Below The International Average. And Emotional Intelligence (Eq) Had A Mean Score That Was Lower Than Normal. In Addition, Teens Have Premature Pregnancies And Drug Problems (Office Of The Education Council Secretariat. 2017). Preventing Problems Is, Therefore, More Important And More Important Than Solving Problems That Have Already Occurred, Especially Schools Expanding Educational Opportunities Which Have Students From Early Childhood To Middle School, This Is An Age That Will Show Quite A Lot Of Your Own Behavior. If The Management Method Is Used Incorrectly, There Will Be A Reaction, Resulting In Students At This Age Often Absent And Dislike Coming To School, Some Students Drop Out Of Compulsory Education (Phanom Ketman. 2007).

Most Young People In The School-Age Are In The School System, So It Is Necessary To Empower And Develop The School To Be Able To Manage And Organize A Quality Learning Process. The School Will Provide Education To Achieve That Goal, Planning, And Management As An Operation. Critical Process, Managers Must Manage Using Administrative Skills, Decision Making, Assignments, And Monitoring To Achieve The Planned Approach. Management Appropriately And Following The Nature Of The Organization Will Bring Great Benefits (Pacharawit Chansirisira. 2011). Another Important Factor In The Educational System Is The Health Of The Learner, Which Means That The Physical, Mental, Intellectual, And Social Healthy Of A Human Being Is All Connected In A Balanced And Holistic Manner. Which Elements Of A Healthy School Are Happy Learners' Happy School, Happy Environment, Happy Family, And Happy Community? All Element Is Interrelated And Interrelated And Aims To Foster A Happy Learner (Educational System Research Institute Foundation. 2017). Consistent With The Concept Of Hoy, Tarter & Kottkamp (1991) That Said, Education, Health, Or Organizational Healthy At The School Level Is The Mission-Critical Work Condition Of A Healthy School, Therefore, An Important Choice In Solving Educational Problems.

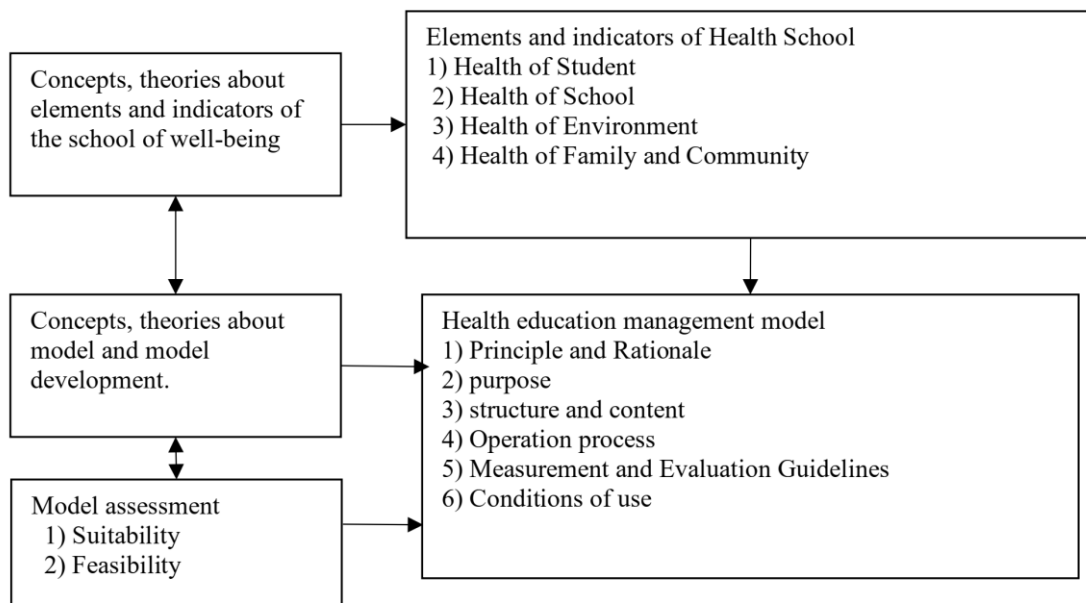
The Researcher Sees The Importance Of School Education, Health In Schools To Expand Educational Opportunities. Therefore, He Studied The Concept Of School Education Management To Improve The Quality Of Education, Especially The Development Of Happy Learners. Establishing Structures And Systems For Schools, Environments, Families, And Communities To Be A Safe Space And Promote Healthy Of Student, Equipping Students With The Skills Necessary To Cope With The Transformation Of The Digital World. The Researcher Believes That If The School Has An Appropriate And Clear Development Model Of School Education Management, The Health Conditions Will Result In The Development Of Quality Of Learners In Schools, Expanding Educational Opportunities To Be Standardized, Efficient, And Sustainable.

### **Objectives**

1. To Analyze The Elements And Indicators Of Health School Education Management.
2. To Develop A Model For School Education, School Healthy In Schools, Expand Educational Opportunities.
3. To Study The Effect Of Applying The Model Of Health School Education Management.

### **Research Conceptual Framework**

In This Research, The Researcher Has Synthesized Concepts And Theories About Health School. From Educators And Related Agencies, It Was Found That The Main Elements As 4 Elements Were; (1) Healthy Of Student, (2) Healthy Of School} (3) Healthy Of Environment, (4) Healthy Of Family And Community. The Researcher Used A Conceptual Framework To Develop A Model From Boonchom Srisa-Ard (2004) And Eisner (1976), And The Model Assessment Framework Uses The Stufflebeam & Shinkfield Standard Assessment Framework (2007). It Consists Of 2 Evaluation Standards: Suitability And Feasibility, Showing A Conceptual Framework For The Research As Shown In Illustration 1.



**Figure 1:** Research Conceptual Framework

### Methodology

Phase 1 Analyzes The Elements And Indicators. The Population Includes Administrators, Academic Supervisors, Teachers In Schools Expanding Educational Opportunities Which Are Divided Into 2 Stages. Both Steps Determined The Sample Size Based On The Number Of Parameters Observed 5-10 Times The Gorsuch Criteria (1983). The Sample Was Randomized Using A Multistage Randomization Method. The Data Was Collected By Sending A Questionnaire To The Sample And Giving A Response Via Mail Or Online Form, And Analyzed The Data As Follows:

Step 1: Exploratory Factor Analysis (Efa). A Sample Of 550 People, 503 Questionnaires Were Returned, Representing 91.45 Percent. Exploratory Factor Analysis (Efa) By Examining The Suitability Of Data With Kmo And Bartlett's Test By Bartlett's Test Sphericity Must Be Statistically Significant At The .01 Level. Extract The Elements By The Method Of Principal Component Analysis (Pca). Considering Eigenvalue, It Must Be Greater Than 1.00. The Cumulative % Must Be Greater Than 60%. Rotate The Elements With The Varimax Method

To Determine Which Variables Should Belong To Which Elements, By Selecting Criteria For Elements With Element Weights Of 0.30 Or Higher, And Naming Elements.

Step 2: Confirmatory Factor Analysis (Cfa). A Sample Of 320 People, Received 282 Questionnaires, Or 88.13%. First And Second Confirmatory Factor Analysis To Test The Coherence Of The Model With The Empirical Data. Using Lisrel Packaged Program By Considering The Value  $\chi^2$ , A P-Value Is Greater Than 0.05. Goodness Of Fit Index (Gfi) Is Greater Than 0.90. Adjust Goodness Of Fit Index (Agfi) Is Greater Than 0.90. Comparative Of Fit Index (Cfi) Is Greater Than 0.90. Root Mean Squared Residual (Rmr), Root Mean Square Error Of Approximation (Rmse) Is Less Than 0.05.

Phase 2 Develop A Model Of Health School Education Management In Schools For Expanding Education. The Group Of Information Providers Is Administrators And Academic Supervisors In Schools Expanding Educational Opportunities, Affiliated With The Office Of Primary Education Service Area Of 3 Schools. Selection Of Purposive Sampling. Data Collection By Interviewing And Study Of Best Practice Papers. Take The Information Obtained From Phases 1 And 2 To Outline The Model. The Model Was Examined And Assessed For The Suitability And Feasibility Of The Model With An Assessment Using An Expert Reference Seminar Method. The Group Of Informants Consisted Of 12 Experts. The Statistics Used To Analyze The Data Were Mean, And Standard Deviation.

Phase 3 Applies The Model. The Target Groups Were 35 Administrators, Teachers, School Committees, Parents, And Community Leaders Involved In The School That Applied The Model, Obtained By Purposive Sampling. Data Collection By Operating The Model's Operational Process For 12 Weeks. And Assess The Educational Management, Healthy School By Using The Assessment Form. The Statistics Used To Analyze The Data Were Mean And Standard Deviation.

## Results

1. The Elements And Indicators Of Health School Education In Schools To Expand Educational Opportunities. From The Exploratory Factor Analysis (Efa) To Extract The Individual Elements, It Was Found That There Are 4 Elements, 16 Indicators:

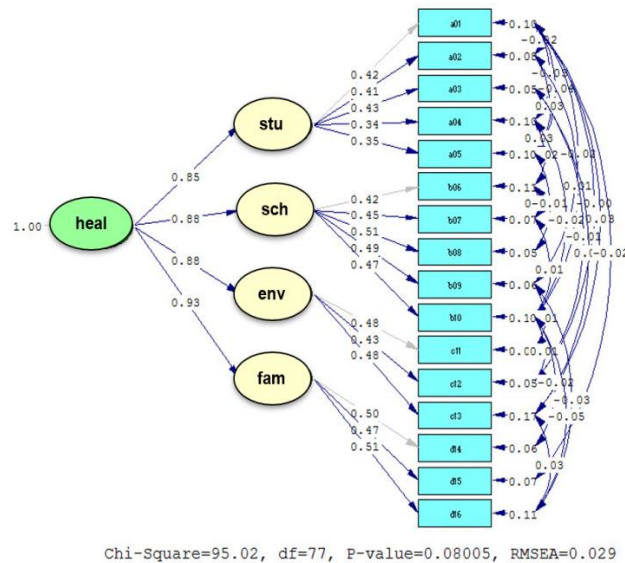
The First Elements: Healthy Of Student Was 5 Indicators; (1) Learners Have Learning Skills, (2) Learners Have Skills To Live Together Happily, (3) Learners Have Moral And Conservative Consciousness, (4) Learners Have Life Skills And Health Skills, And (5) Learners Have Safety Skills.

The Second Elements: Healthy Of School Was 5 Indicators: (1) The Management System Is Conducive To Health Promotion, (2) Curriculum Development And Teacher Development To Be Capable Of Learning Management, (3) Teacher Organizing Active Learning Activities (Active Learning) And Continuous Assessment And Evaluation, (4) Teachers Develop Innovative And Professional Expertise, And (5) Have A Collaborative Atmosphere And A System Of Support For Learners.

The Third Elements: Healthy Of Environment Was 3 Indicators: (1) Provide An Environment Conducive To Learning, (2) Develop Safety Systems, Good Nutrition, And Food Sanitation Systems, (3) Manage Waste And Sanitary Systems To Be Clean And Hygienic.

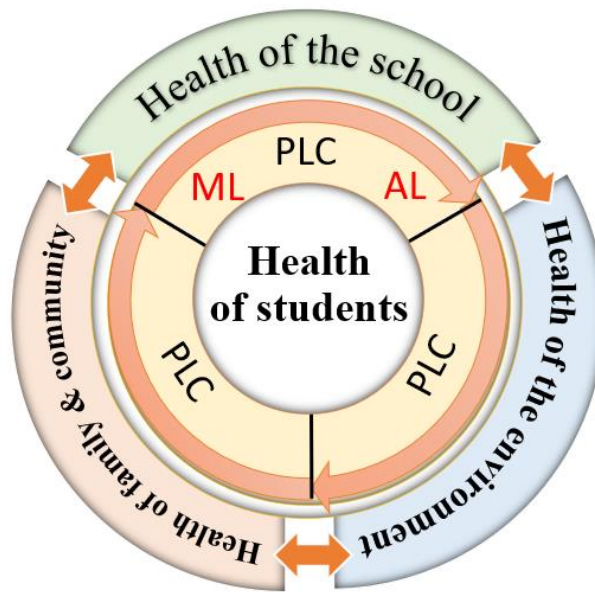
The Forth Element: Healthy Of Family And Community Was 3 Indicators: (1) The Community Participates In The Development And Takes Responsibility For Education Management, (2) The Family Participates In The Promotion Of Good Health, (3) The Building Of Good Family Relationships.

The First Confirmatory Factor Analysis Revealed That The Models Of All 4 Elements Were Consistent With The Empirical Data. The 2nd Confirmatory Factor Analysis To Test The Consistency Of The Model With The Empirical Data. Consider The Value  $\chi^2 = 95.02$ , Df = 77, P-Value = 0.08, Goodness Of Fit Index: Gfi = 0.96, Adjust Goodness Of Fit Index: Agfi = 0.93, Comparative Of Fit Index: Cfi = 1.00, Root Mean Squared Residual: Rmr = 0.01 and Root Mean Square Error Of Approximation: Rmse = 0.03. In Which The Conformity Index Met The Specified Criteria Shows That The Model Is Consistent With The Empirical Data, The Most Important Elements Are Healthy Of Family And Community, Healthy Of School, Healthy Of Environment, And Healthy Of Student Respectively. The Results Of The 2<sup>nd</sup> Confirmatory Factor Analysis Are Shown In Figure 2.



**Figure 2:** Second Confirmative Component Model Of Educational Management, School Healthy In Schools Expand Educational Opportunities.

2. The Model Of Health School Education In Schools Expanding Educational Opportunities Consists Of (1) Principle And Reason, (2) Model Objectives, (3) Structure And Content, (4) Operation Process, (5) Measurement And Evaluation Guidelines, And (6) Using Conditions. The Structure And Content Consist Of 4 Elements; Healthy Of Student As The Goal Elements. Healthy Of School Healthy Of Environment, And Healthy Of Family And Community Which There Are Tools Used In The Management Of Education Within The School; Mind Learning: MI, Active Learning: AI And Use Professional Learning Community: Plc As A Mechanism Driven By The Whole System As Shown In Figure 3.

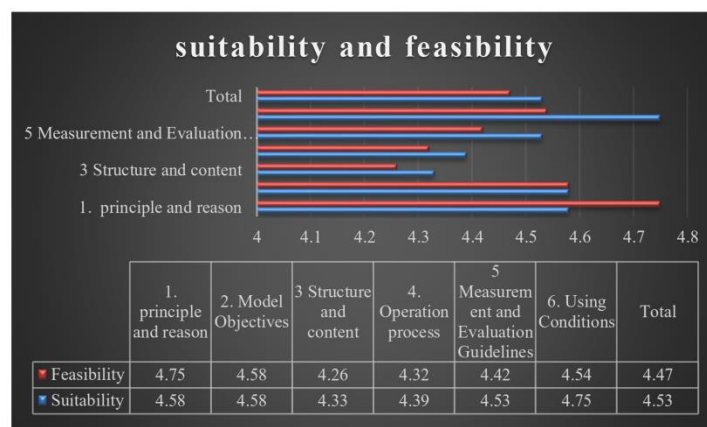


**Figure 3:** School Education Management Model, School Health Expands Educational Opportunities

The Results Of The Model Suitability Evaluation Were At The Highest Level And The Probability Of The Model Was At The High Level, As Shown In Table 1.

**Table 1:** Mean And Standard Deviation Of The Level Of Suitability And Feasibility Of Educational Management Model Of Health Schools In Schools Expanding Educational Opportunities

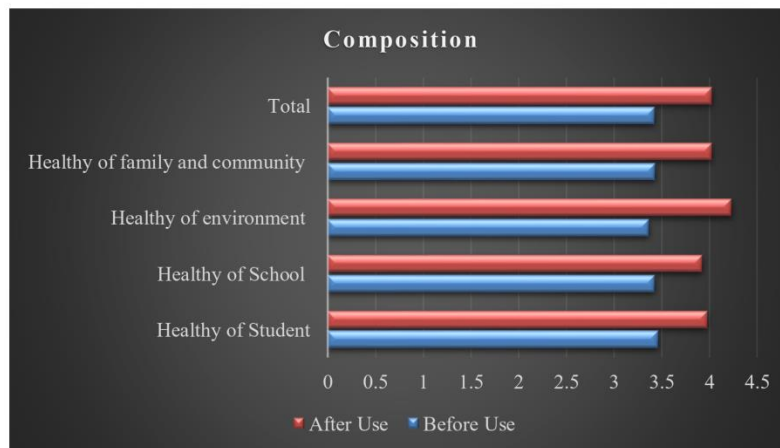
Assessment Item	Suitability			Feasibility		
	$\bar{X}$	S.D.	Meaning	$\bar{X}$	S.D.	Meaning
1. Principle And Reason	4.58	0.51	Highest	4.75	0.45	Highest
2. Model Objectives	4.58	0.51	Highest	4.58	0.51	Highest
3 Structure And Content	4.33	0.49	High	4.26	0.47	High
4. Operation Process	4.39	0.55	High	4.32	0.49	High
5 Measurement And Evaluation Guidelines	4.53	0.51	Highest	4.42	0.51	High
6. Using Conditions	4.75	0.44	Highest	4.54	0.52	High
<b>Total</b>	<b>4.53</b>	<b>0.50</b>	Highest	<b>4.47</b>	<b>0.50</b>	High



3. The Results Of The Implementation Of The Health School Education Management Model Found That Overall, After The Implementation Of The Model, There Was A Higher Mean Of Behavioral Or Healthier Than Before The Model Was Applied. Before The Model Was Applied, The Behaviors Or The Level Of Health Were At A Moderate Level With A Mean Of 3.43. After The Model Was Applied, The Behavioral Behavior Or The Level Of Health Was At A High Level With A Mean Of 4.03. All Aspects Had A Higher Mean Of Behavior Or Healthy Than Before Using The Model As Shown In Table 2.

**Table 2:** Mean, Standard Deviation, And Behavioral Level Or Healthy Level Of Educational Management Outcomes Of The School Before And After Applying The Model

Composition	Before Use			After Use		
	$\bar{X}$	S.D.	Meaning	$\bar{X}$	S.D.	Meaning
Healthy Of Student	3.47	0.73	Moderate	3.98	0.62	High
Healthy Of School	3.43	0.79	Moderate	3.93	0.50	High
Healthy Of Environment	3.37	0.75	High	4.24	0.66	High
Healthy Of Family And Community	3.44	0.84	Moderate	4.03	0.56	High
<b>Total</b>	<b>3.43</b>	<b>0.78</b>	Moderate	<b>4.03</b>	<b>0.56</b>	High



### Discussion

The Elements And Indicators Of Educational Management Of Healthy Schools Consist Of 4 Main Elements And 6 Indicators, The Most Important Elements Are Healthy Of Family And Community, Healthy Of School Healthy Of Environment, And Healthy Of Student Respectively. The Model Of Health School Education In Schools Expanding Educational Opportunities Consists Of; (1) Principle And Reason, (2) Model Objectives, (3) Structure And Content, (4) Operation Process, (5) Measurement And Evaluation Guidelines, And (6) Using Conditions. The Evaluation Of The Model's Suitability Was The Highest And The Feasibility Of The Model Was High. After The Implementation Of The Model, There Was A Higher And Higher Level Of The Mean Of Behavior Or Healthy Before The Model Was Adopted. Since The Researcher Has Studied, Analyzed, Synthesized Concepts, Theories About School Management, Healthy From Both Domestic And Foreign Scholars, As Well As Related Researches, It Was Found That Elements. Observable Variables Were Used To Create Questionnaires And Data Were Collected. Exploratory Factor Analysis Was Used To Extract Indicators And Confirmatory Factor Analysis To Confirm The Consistency Of Elements And Indicators With The Empirical Data. In Creating The Model, The Researcher Has Applied The Concept Of Model Development Boonchom Srisa-Ard (2004) That States That The Model Development Can Be Classified Into 2 Steps. The First Step Is To Create Or Develop A Design. The Second Step Is To Test The Validity Of The Model. And Eisner's Concept (1976), Which Proposed A Validation Concept Using Expert Professors To Critically Analyze Specific Issues

To Reach Conclusions About Quality, Efficacy, Suitability, The Feasibility Of The Assessment, And Apply The Conceptual Principles Of The Elements Of The Model Of Brown & Moberg (1980), Bardo & Hartman (1982), Keeves (1988), Boonchom Srisa-Ard (2004), Saman Asawapoom (2006), Uthai Bunprasert (2008), And Teera Runcharoen (2010). It Can Be Concluded That The Elements Of A Model Have No Definitions, It Is A Fixed Scheme Of How The Elements Should Be Detailed So That The Form Is Appropriate. This Is Because The Descriptions And Appropriate Elements Of A Model Depend On The Specifics Of The Studied Phenomenon And The Purpose For Which It Was Created Or The Model. For This Research, The Elements Of The Model Consisted Of Six Digits. In Drafting The Model, The Researcher Used The Results Of Studying Elements And Indicators. And The Study Of Best Practices Of The Model School To Draw Up A Model And Apply The Model To Check Its Suitability And Feasibility Through Connoisseurship The Experts Consist Of Experts In Education Administration And Health School Education Management As A Result, The Development Of Health School Education Management Models In Schools To Expand Educational Opportunities Is Appropriate And Practical. And When Applying The Model, The Researcher Has Developed A Management Plan To Determine The Operational Guidelines To Be Feasible In Practice. After Applying The Model, It Results In Behavioral Behavior Or Having A High Level Of Health. Which The Research Results And The Development Of The Model Are Consistent With The Research Of Capuano (1998) It Was Found That Health And Education Are Related To Health Conditions As Elements And A Key Policy For Graduation. To Support The Provision Of Health Services In Schools, It Is Important To Interest And Role Of School Administrators In Supporting And Managing School Sanitation. Consistent With The Research Of Lawrence (1998) Found That The School Was The Center Of Religion, The Local Religious Community Could Join In Creating And Establishing Steps To Promote Mutual Health Care. Consistent With The Research Of Chardpong Chaiwan (2014) Studied An Integrated Model Of Health-Promoting Integrated Education, Called Sitin Model Consisting Of (1) Strategic Leadership: S, (2) Integrated Plan: I, (3) Teacher Empowerment: T, (4) Integrated Learning Activity: I, And (5) Network For Well Being: N. Consistent With The Research Of Kamphon Charoenrak (2017) It Was Found That The Model Of Health Development In The Northeastern Elementary Schools Consisted Of Principle And Reason, Objectives, Structure And Content, Development Process, Measurement And Evaluation, Success And Success Factors, And Conditions For Implementing The Model. And Also Consistent With The Research Of Sumrit Somnam (2018) Found That The Health Improvement Model Of Students In Small Primary Schools Was Found To Be Beneficial, Feasible, Appropriate, And Correct. And When The Model Was Applied For One Academic Year, The Performance Improved Until The Assessment Result Was At The Highest Level.

### **Recommendation**

The Health School Education Management Model Is Appropriate And Feasible Both Content And Principle, So It Is Appropriate To Be Used To Develop Learners By Adapting Them In Accordance With The School Context. Educational Institute Administrators And Related Agencies Should Formulate Policies To Develop, Promote And Support Educational Institutions To Have Health School Education. In Particular, The Elements Of The Healthy Of Family And Community Are Of The Utmost Importance, So They Should Promote, Support, Value, And Develop Family And Community, Along With Learner Development. And Further Research Should Be Conducted In-Depth To Develop Other Forms Of Health School Education Management According To The School Context, Which Is Different From The School To Expand Educational Opportunities To Gain More Contextual Knowledge And Educational Management.

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