

Cross-Cultural Equivalence and Psychometric Properties of the Traditional Chinese Version of the Inviting School Survey-Revised



Citation

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Abstract

The Inviting School Survey-Revised (ISS-R) was adapted and translated into Traditional Chinese (ISS-RC), using a five-step process, based on international test administration guidelines, involving judgmental, logical, and empirical methods. Both versions were administered to a convenience sample of Chinese-English fluent Hong Kong school community members (administrators, teachers, students, parents, and support personnel). A series of repeated measures ANOVAs revealed equivalence between the two versions, ISS-R and ISS-RC Total Scale and Subscales (variances, subscale correlations, internal consistency) other than the Program Subscale overall mean difference. Item analyses, utilizing repeated measures ANOVAs, revealed significant differences in 11 of the 50 scale items. Suggestions for further development and refinement of the Chinese Invitational School Survey (ISS-RC) are presented. Additionally, recommendations for future research and application of the ISS-R and ISS-RC are provided

The purpose of the present study is twofold; (1) to describe the processes and procedures used to adapt and translate the Inviting School Survey-Revised (ISS-R) into Traditional Chinese (ISS-RC) for use in Hong Kong and mainland China and (2) to assess the psychometric equivalence of the two versions.

There is rapidly growing evidence that school climate is one of the most important contributors to student achievement, success, and psychological wellbeing (Fan, Williams, & Corkin, 2011; Zullig, Koopman, Patton, & Ubbes, 2010; Cohen, McCabe, Michelli, & Pickeral, 2009). School climate also heavily influences healthy development as well as effective risk prevention, positive youth development, and increased teacher and student retention (Cohen et al., 2009; Huebner & Diener, 2008).

School climate may be defined in a number of ways. This study viewed school climate as that which reflects the perceptions of the social, emotional, and academic experiences of school life by students, administrators, teachers, parents, and the wider community. That is, school climate reflects a subjective experience in the school (Cohen, 2006; Freiberg, 1999).

In order to make informed decisions regarding school development it is important for a school administrator to be aware of how the school community perceives the school (school climate) and, to have access to a reliable and valid instrument that purports to measure school climate.

Such an instrument has existed since the early 1990s, the Inviting School Survey-ISS (Purkey & Fuller, 1995; Purkey & Schmidt, 1990). The ISS was designed to assess the total

school climate and the five environmental areas as outlined by Invitational Education theory: People, Places, Policies, Programs, and Processes (Purkey & Novak, 1996, 2008; Purkey & Schmidt, 1990). The ISS is a 100-item, Likert-type, hand-scored instrument, utilized by few schools and there are no psychometrics, such as norms, reliability and validity indices, supporting the instrument.

To address this shortcoming, Smith (2005) significantly revised the 100-item instrument to be a 50-item, on-line, computer scored instrument titled, the Inviting School Survey-Revised (ISS-R). The ISS-R provides school communities a “user-friendly”, theoretical-grounded, empirical-based instrument that assists in evaluating their schools for future development as the ISS-R identifies areas of strength and weakness in a school's climate.

Following the revision, the ISS-R has been utilized Australia, New Zealand, North America, Asia, and Africa. In 2006, 18 schools (596) participants completed the ISS-R.

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In 2010, 78 schools, over 6,000 participants have used the ISS-R (Smith, 2012).

In 2010, as a result of the huge increase in use of the ISS-R, particularly in Hong Kong and mainland China it was decided to adapt and translate the ISS-R into Traditional Chinese.

The Inviting School Survey-Revised (ISS-R)

The Inviting School Survey-Revised (Smith, 2005), based upon the tenets of Invitational Education, is designed to empirically identify areas in a school that are inviting and dis-inviting. Invitational Education theory is a theory that is strongly grounded on well-established psychological paradigms such as Perceptual Psychology (Combs, Richards, & Richards, 1976; Combs, 1962), Cognitive-Behavior (Meichenbaum, 1974, 1977; Ellis, 1962, 1970), and Self-Concept (Purkey, 1970; Jourard, 1968; Rogers, 1969).

The ISS-R is a 50-item, five-point Likert-type scale based on the 100-item Inviting School Survey-ISS (Smith & Bernard, 2004; Purkey & Fuller, 1995; Purkey & Schmidt, 1990). Both the original ISS and the ISS-R are designed to be completed by students (age 8-9 and older), parents, teachers, school administrators, and others associated with the school, such as counselors, psychologists, and social workers.

The Inviting School Survey-Revised (ISS-R) is a theoretical-based instrument, designed to assess the invitational qualities of the total school climate and the five environmental domains of People, Programs, Processes, Policies, and Places, as outlined in Invitational Education theory (Purkey & Novak, 1996). For a comprehensive description of the 5P's go to Purkey and Novak, *Fundamentals of invitational education*, 2008.

The ISS-R is designed for electronic, self-administration through the IAIE website. Individuals completing the ISS-R are asked to respond to all items ranging from 1, 'Strongly Disagree' to 5, 'Strongly Agree' (0, 'Not Applicable' is treated as missing, if a question is not relevant to the participant's school context).

The ISS-R is a theoretical five-factor model, where factors pertain to 1. People (16 items), 2. Program (7 items), 3. Process (8 items), 4. Policy (7 items), 5. Place (12 items) and the Total scale comprised of the 50 items.

The validity of the ISS-R has been empirically documented and its internal consistency reliability has been reported to range from .86 to .88 for the Total scale (Smith, 2005).

For further details of the Inviting School Survey-Revised (ISS-R) refer to Smith (2012), *Manual for the Inviting*

Survey (ISS-R): A survey for measuring the invitational qualities (I.Q.) of the total school climate.

Method

Procedure

The following are the five steps used to adapt and translate the ISS-R into Traditional Chinese. As stated previously, the ISS-R is comprised of a brief instruction statement and 50 randomized, positively-worded items requiring a Likert-type response on a five point. Three additional demographic questions provided information about the respondents' position, gender, and age (students only).

The ISS-R was translated and adapted into Traditional Chinese (ISS-RC) using the guidelines set down by the International Test Commission (ITP, 2010), the American Psychological Association (1999) and contributing suggestions from Sousa and Rojjanasirat, (2010). These guidelines address concerns about test context, test development and adaptation, administration procedures, and score interpretations. The guidelines require that test adaptation and translation procedures should use systematic judgmental evidence at every step.

Stage 1. Two bilingual individuals translated (forward translation) the English version, the ISS-R, into a Traditional Chinese version (ISS-RC). Certain words, such as 'everyone' were changed to be more meaningful and appropriate within the Chinese context.

Stage 2. Following the forward translation of the ISS-R, a blind back-translation was completed, in which an independent bilingual expert, different from the two translators used in Step 1, converted the translated instrument back into the original English language without having seen the original instrument.

Stage 3. A panel of two bilingual individuals, experts in the field of invitational education, examined both versions in terms of consistency, grammar, and structure. Minor discrepancies between the original and translated instruments were identified. Revisions were made in the translated Chinese measure until the two forms appeared to be equivalent. After reaching a consensus in relation to the consistency of the forward and backward translations of the ISS-R, a Traditional Chinese draft version of the ISS-R was produced.

Stage 4. As an additional confirmation of the equivalence of the two ISS versions an external company, Second Language Testing Inc. (SLTI), Rockville, Maryland, judged the equivalence of the two versions. SLTI reviewed the Chinese translation of the ISS-R and suggested some minor revisions. The report from this company identified no discrepancies between the 50 items. However, the

demographic questions asked at the beginning of the instrument were found to be non-equivalent and suggestions for change were submitted.

Stage 5. Implementing the changes as suggested by SLTI, a panel of 3 individuals, conversant in invitational education, compared the English and Chinese versions. After reaching a consensus that the two versions were equivalent, the final Chinese version of the ISS-R was produced. English and Chinese versions of the Inviting School Survey-Revised can be found in the appendix.

Participants

A convenience sample of 67 participants from a number of Hong Kong educational institutions, fluent in English and Chinese, completed both versions of the 50-item Inviting School Survey (ISS-R and the ISS-RC) at one sitting. Of the 67 paired-instruments completed, four participants (6%) were eliminated from further analysis because of excessive missing items (greater than 10). The final sample, as depicted in Table 1, consisted of 43 females (68%) and 20 males (32%) in positions of administrators (16, 25%), teachers (25, 40%), counselors (2, 3%), students (6, 10%), parents (11, 17%), and others (3, 5%).

Table 1. Number of Participants by School Community Status

Participant	Females		Males		Total	
	N	%	N	%	N	%
Administrator	9	21	7	35	16	25
Teacher	15	35	10	50	25	40
Counselor	2	1	0	0	2	3
Parent	8	19	3	15	11	17
Student	6	14	0	0	6	10
Other	3	7	0	0	3	5
Total	43	100	20	100	63	100

Data Preparation and Analysis

All data analyses were conducted using PASW Statistics Version 18 (SPSS, 2009) and significant levels for the analyses were at $\alpha < .05$. However, application of the Bonferroni correction statistic, which would restrict the acceptable alpha level for interpretation to alpha of .05 divided by the number of tests used in each of the Total scale and the five subscales, was employed, $.05/6 = .008$; while for the 50-item-difference analyses $.05/50 = .001$.

Initial inspection of the data indicated some incomplete data. Of the 67 participants, four participants had more than ten missing items and were removed from further analysis. The remaining participants' missing items were replaced by the participant's subscale item mean (Tabachnick & Fidell, 2007).

To investigate subscale relationships, Pearson's correlation ISS Cronbach's alpha (α) and Fisher-Bonett test (Kim & Feldt, 2008) were utilized respectively.

A series of repeated measures ANOVAs were conducted to determine equivalence of the Total scale, the five subscales and the 50 items between the two versions (ISS-R and ISS-RC).

Results

Internal Consistency and Homogeneity

The Pearson's r correlation coefficients, ranged from .58 to .95 for the English version (ISS-R) scale measures and .63 to .96 for the Chinese version (ISS-RC). The ISS-R Total scale and the 5 subscales correlations are presented in Table 2. All correlations were statistically significant at $p < .001$.

Table 2. Correlations of the Inviting School Survey (ISS-R) Total Scale and Subscales by Version

Scale	People	Program	Process	Policy	Place	Total
People	-----	.76	.85	.83	.73	.95
Program	.80	-----	.78	.63	.72	.86
Process	.88	.74	-----	.81	.68	.91
Policy	.80	.67	.80	-----	.58	.86
Place	.76	.73	.75	.63	-----	.85
Total	.96	.86	.93	.85	.87	-----

Note. Upper diagonal is English version (ISS-R); Lower diagonal is Chinese version (ISS-RC)
N = 63; All correlations are significant ($p < .001$).

As depicted in Table 3 all of the ISS-R reliability coefficients, for both versions, were greater than .70 suggesting that these measures demonstrated acceptable levels of reliability (Nunnally & Bernstein, 1994).

Based on the Fisher-Bonett test of equivalence (Kim & Feldt, 2008), the paired-scale reliability coefficients (Cronbach's α) were statistically equivalent ($p > .05$) between the ISS-R and the ISS-RC.

Table 3. Inviting School Survey (ISS-R) Total Scale and Subscales Coefficient Alpha by Version

Scale	Number of Items	English Version	Chinese Version
People	16	.92	.92
Program	7	.79	.76
Process	8	.80	.81
Policy	7	.77	.79
Place	12	.84	.84
Total	50	.96	.96

Note. N = 63; No statistical significant alpha differences, based on the Fisher-Bonett test.

Reliability of the measures was also evaluated by examining inter-item correlations. As shown in Table 4, the inter-item correlation mean for each scale ranged from .31 for the Chinese version Program subscale to .44 for both versions' People subscale. All of the inter-item correlations were statistically significant ($p < .01$).

Homogeneity was examined using the Pearson's item-to-total scale correlations found in Table 4. The correlations were between the acceptable range .30 and .70, meeting the necessary criteria for internal consistency (Ferketich, 1991). All of the item-to-total correlations were found to be statistically significant ($p < .01$).

Analyses of Scales

As depicted in Table 5 the descriptive statistics for both versions, ISS-R and ISS-RC, showed that the participants scored similarly on the scales' measures. Examination of the data (skewness and kurtosis) identified that the measures were normally distributed and the variances were equivalent, thus adhering to the assumptions underlying a repeated measures ANOVA (Tabachnick & Fidell, 2007). A series of repeated measures ANOVAs were conducted to evaluate the overall mean score of the Total scale and the five subscales between the ISS versions.

Table 4. Scale Item Means, Inter-Item Correlations Means, and Item-to-Total Scale Correlations Means by Version (N = 63)

Scale	English Version	Chinese Version
<u>Program (16 items)</u>		
Item Mean	4.21	4.19
Inter-Item Correlation Mean	.44	.44
Item-to-Total Scale Correlation Mean	.69	.69
<u>Program (7 items)</u>		
Item Mean	4.18	4.31
Inter-Item Correlation Mean	.34	.31
Item-to-Total Scale Correlation Mean	.66	.64
<u>Process (8 items)</u>		
Item Mean	4.14	4.11
Inter-Item Correlation Mean	.34	.34
Item-to-Total Scale Correlation Mean	.64	.65
<u>Policy (7 items)</u>		
Item Mean	4.22	4.25
Inter-Item Correlation Mean	.35	.38
Item-to-Total Scale Correlation Mean	.66	.68
<u>Place (12 items)</u>		
Item Mean	4.20	4.20
Inter-Item Correlation Mean	.32	.33
Item-to-Total Scale Correlation Mean	.45	.47
<u>Total (50 items)</u>		
Item Mean	4.19	4.21
Inter-Item Correlation Mean	.34	.35
Item-to-Total Scale Correlation Mean	.59	.60

Table 5. Inviting School Survey (ISS-R) Total Scale and Subscales Descriptive Statistics by Version

Scale	English Version	Chinese Version
<u>People (16-80)</u>		
Mean	67.42	67.08
SD	6.96	7.14
Skewness	.09	.11
Kurtosis	-1.05	-1.06
<u>Program (7-35)</u>		
Mean	29.27	30.16
SD	3.32	2.77
Skewness	-.12	.06
Kurtosis	-.39	-.80
<u>Process (8-40)</u>		
Mean	33.11	32.88
SD	3.62	3.57
Skewness	.04	.23
Kurtosis	-.91	-.97
<u>Policy (7-35)</u>		
Mean	29.53	29.76
SD	3.29	3.17
Skewness	-.13	-.06
Kurtosis	-.77	-.79
<u>Place (12-60)</u>		
Mean	50.38	50.41
SD	5.20	4.92
Skewness	.00	.08
Kurtosis	-.88	-1.14
<u>Total (50 items)</u>		
Mean	209.71	210.29
SD	20.03	19.53
Skewness	.18	.24
Kurtosis	-1.00	-.97

Note. N = 63.

The results of the repeated measures ANOVAs, as shown in Table 6, indicated a significant overall mean difference between the two versions' subscale, Program, $F(1, 62) = 14.25, p < .001$. The strength of the difference between the

two versions of the Program subscale, as assessed by partial eta-squared (η_p^2), was large, with the subscale factor, version, accounting for 19% of the variance (Cohen, 1988).

Table 6. Inviting School Survey (ISS-R) Total and Subscales Repeated Measures Analysis of Variance Summary for the English and Chinese Versions

Scale	F^a	p	η_p^2	Power	Mean Difference	95% CI
People	1.62	.208	.03	.24	.3421	-0.196 to 0.880
Program	14.25	.000	.19	.96	-.8942	-1.368 to -0.421 ^b
Process	1.75	.191	.03	.25	-.2376	-0.497 to 0.022
Policy	3.36	.072	.05	.44	.2343	-0.120 to 0.589
Place	0.01	.927	.00	.04	-.0249	-0.565 to 0.515
Total	0.52	.475	.01	.12	-.5802	-2.194 to 1.034

^a $df = 1, 62$.

^b Indicates that the 95% CI does not contain zero, and therefore the difference in means is significant.

Participants reported significantly higher Program subscale scores on the Chinese version ($M = 30.16$, $SD = 7.14$) than the English version ($M = 29.27$, $SD = 2.77$). The mean difference between the versions of the Program subscale was .89 (95% CI = -1.37, -.42). All other scale measures between the versions were found to be non-significant ($p > .05$).

As depicted in Table 7, when identical scores were added to scores that deviated by only one point difference, it was found that on the People subscale, 75% of the participants fell in this category; Program subscale- 67%; Process- 84%;

Policy- 84% Place- 76%; and for the Total Scale- 48%.

Analyses of Scale Items

Participants' responses on each of the 50 items on the English version (ISS-R) scale were compared to their responses on the same items of the Chinese version (ISS-RC). Identical responses on the 50 items ranged from 21 (42%) to 50 (100%). However, when identical responses were added to responses that deviated by only 1 Likert-scale point, it was found that for all 50 items the range was 41

Table 7. Number of Total Scale and Subscale Score Version Differences (N = 63)

Scale	N	%	Range
<u>People (16-80)</u>			-4 to 10
No Difference	29	46	
1-Point Difference	18	29	
More than 1-Point Difference	16	25	
<u>Program (7-35)</u>			
No Difference	32	51	
1-Point Difference	10	16	
More than 1-Point Difference	21	33	
<u>Process (8-40)</u>			-3 to 6
No Difference	37	59	
1-Point Difference	16	25	
More than 1-Point Difference	10	16	
<u>Policy (7-35)</u>			-3 to 2
No Difference	37	59	
1-Point Difference	16	25	
More than 1-Point Difference	10	16	
<u>Place (12-60)</u>			-8 to 6
No Difference	27	43	
1-Point Difference	21	33	
More than 1-Point Difference	15	24	
<u>Total (50 items)</u>			-16 to 27
No Difference	23	37	
1-Point Difference	7	11	
More than 1-Point Difference	33	52	

(82%) to 50 (100%). Of the 63 participants, 60% (N = 38) responded either identically on both versions or selected the next closest response alternative on the scale while 16 (25%) responded the same for 49 items, 2 (3%) the same for 48 items, 3 (5%) the same for 47 items, and the remaining 4 (6%) participants ranged from 41 to 46 identical responses.

Table 8 reports the summary of significant item differences extracted from the series of repeated measures ANOVAs between the original 50 ISS-R items (English) and the Chinese (ISS-RC) translation of these items.

Table 8 Inviting School Survey Repeated Measures Analysis of Variance Summary for Significant Item Differences

Scale	F^a	p	η_p^2	Power	Mean Difference	95% CI
<u>People</u>						
Q36	11.62	.001	.15	.90	-.1474	-0.236 to -0.059 ^b
Q39	4.37	.041	.07	.54	.0794	0.005 to 0.204 ^b
<u>Program</u>						
Q10	11.05	.001	.15	.90	-.2857	-0.458 to -0.114 ^b
Q17	7.19	.009	.10	.75	-.1905	0.332 to -0.048 ^b
Q23	4.54	.037	.07	.55	.1614	0.010 to 0.313 ^b
Q38	6.80	.011	.10	.73	-.1429	-0.252 to -0.033 ^b
Q46	9.46	.003	.13	.86	-.2460	-0.406 to -0.086 ^b
<u>Process</u>						
Q7	5.88	.018	.09	.66	.1701	0.030 to 0.310 ^b
<u>Place</u>						
Q8	4.89	.031	.07	.58	-.0693	-0.132 to -0.007 ^b
Q16	4.20	.045	.06	.52	.1270	0.003 to 0.251 ^b
Q49	9.04	.004	.13	.84	-.3333	-0.555 to -0.112 ^b

^a $df = 1, 62$.

^b Indicates that the 95% CI does not contain zero, and therefore the difference in means is significant.

Note. Individual item statements:

Q7. Grades are assigned by means of fair and comprehensive assessment of work and effort.

Q8. The air smells fresh in this school.

Q10. There is a wellness (health) program in this school.

Q16. The restrooms in this school are clean and properly maintained.

Q17. School programs involve out of school experience.

Q23. Good health practices are encouraged in this school.

Q36. People in this school try to stop vandalism when they see it happening.

Q38. The school sponsors extracurricular activities apart from sports.

Q39. Teachers appear to enjoy life.

Q46. Mini courses are available to students.

Q49. The lighting in this school is more than adequate.

A statistical significant difference ($p < .05$) was found between the means of 11 (22%) of the 50 items. However, application of the Bonferroni correction statistic, which would restrict the acceptable alpha level for interpretation to $p < .001$ (alpha of .05 divided by 50 tests = .001), suggests that these mean differences may have been due to chance for 9 of the 11 items. Only questions 10 and 36 were significant when taking into account the Bonferroni correction statistic ($p < .001$).

The strength of the different versions, the independent variable, accounting for the variance between the scale items, the dependent variables, as assessed by partial eta-squared (η_p^2), ranged from a medium effect of 6% (Q16) to a large effect of 15% (Q10, Q36) according to Cohen (1988). However, power estimates greater than .80 were found in

only four of the questionable items (Q10, Q36, Q46, and Q49).

Discussion

Following the implementation of the translation procedures, a small-scale field testing of 63 Hong Kong participants was undertaken to determine the equivalence of the original Inviting School Survey (ISS-R) and the adapted/translated Chinese version (ISS-RC).

Examining reliability alphas, inter-item correlation means, and item-to-Total Scale correlation means revealed no significant differences suggesting that both instruments were equivalent in terms of construct validity, internal consistency, and homogeneity.

However, a few differences were found between the ISS-R and the ISS-RC measurement scales and individual items.

Analyses of the five subscales and the Total scale revealed that the Program subscale was significantly higher for the Chinese version than for the English version. There were no other significant scale differences. Even when taking into account the Bonferroni correction statistic the probability was significant ($p < .001$). Additionally, the effect size, as assessed by partial eta-squared, showed that approximately 19% of the variance between the two versions is explained. This statistical effect is quite large according to Cohen (1988).

Examining the 50 item differences between the two measurement versions, it was found that 11 items differed significantly, with five of the items coming from the Program subscale, two items from the People subscale, one item from the Process subscale, three items from the Place subscale, and no items from the Policy subscale. However, the application of the Bonferroni correction statistic, which makes the acceptable alpha more stringent, suggests that these differences may have been due to chance for all but two of the items (Q10 and Q36). Alternatively, these differences in the items between the two versions may reflect simple semantic differences or more important underlying cultural frameworks. As such, it is recommended that further translation/adaptation meetings be undertaken with the aim of identifying if any cultural or language differences exist for the particular questionable items.

Limitations

One limitation of the present study was the use of a small sample composed from one major China centre, Hong Kong. Additional research needs to be conducted with a larger and more diverse Chinese population, not only in Hong Kong but also mainland China, as these results may not be nationally representative or generalizable.

A second limitation of the present study, that may have had an effect on the results, is if respondents did not fully understand all of the words and concepts contained within the survey, particularly the English version.

Further Directions

Although the results are promising, the ISS-RC should still be considered in its initial stages and requires further investigations. Future studies should conduct analyses of the scales' psychometrics with a large diverse population to ensure generalizability. In particular, confirmatory factor analyses (Bentler, 2006) should be used to determine the equivalence of the factor structures for both instruments.

Conclusions

Healthy psychological and physical wellbeing cannot be achieved if a school environment/climate is dis-inviting. The ISS-R and the ISS-RC are able to give data-based and measurable evidence in supporting school administrators when evaluating school improvement programs. However, these instruments do not constitute a comprehensive assessment system. The ISS-R and the ISS-RC should supplement other school improvement measures such as document analyses, interviews, focus groups, etc. in order to make informed decisions regarding implementing changes within the school that will influence perceptions of the invitational qualities of the school by the relevant school community members.

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Appendix

English and Chinese Versions of the Inviting School Survey-Revised

IAIE International Alliance for Invitational Education

Thank you for your participation in this activity. It is very much appreciated!
We are interested in your opinions on a range of issues regarding your school. Your individual responses will be kept **strictly** confidential.

Name of your school: _____

Please select the appropriate response
Are you a: Student Counselor Administrator
 Parent Teacher Other

Gender: Male Female

If you are a student how old are you?
 8 9 10 11 12 13 14 15 16 17 18 19 20+ N/A

Directions: The purpose of this survey is to determine what you think about your school.
Following are a series of statements concerning your school. Please use the six-point response scale and select how much you agree or disagree for each item. Select "N/A" only if the question does not apply to your school?

Statements	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree	N/A
1. Students work cooperatively with one another.	<input type="radio"/>					
2. Everyone is encouraged to participate in athletic (sports) programs.	<input type="radio"/>					
3. The principal involves everyone in the decision-making process.	<input type="radio"/>					
4. Furniture is pleasant and comfortable.	<input type="radio"/>					
5. Teachers are willing to help students who have special problems.	<input type="radio"/>					
6. Teachers in this school show respect for students.	<input type="radio"/>					
7. Grades are assigned by means of fair and comprehensive assessment of work and effort.	<input type="radio"/>					
8. The air smells fresh in this school.	<input type="radio"/>					
9. Teachers are easy to talk with.	<input type="radio"/>					
10. There is a wellness (health) program in this school.	<input type="radio"/>					

Statements	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree	N/A
11. Students have the opportunity to talk to one another during class activities.	<input type="radio"/>					
12. Teachers take the time to talk with students about students' out-of-class activities.	<input type="radio"/>					
13. The school grounds are clean and well-maintained.	<input type="radio"/>					
14. All telephone calls to this school are answered promptly and politely.	<input type="radio"/>					
15. Teachers are generally prepared for class.	<input type="radio"/>					
16. The restrooms in this school are clean and properly maintained.	<input type="radio"/>					
17. School programs involve out of school experience.	<input type="radio"/>					
18. Teachers exhibit a sense of humor.	<input type="radio"/>					
19. School policy permits and encourages freedom of expression by everyone.	<input type="radio"/>					
20. The principal's office is attractive.	<input type="radio"/>					

Statements	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree	N/A
21. People in this school are polite to one another.	<input type="radio"/>					
22. Everyone arrives on time for school.	<input type="radio"/>					
23. Good health practices are encouraged in this school.	<input type="radio"/>					
24. Teachers work to encourage students' self-confidence.	<input type="radio"/>					
25. Bulletin boards are attractive and up-to-date.	<input type="radio"/>					
26. The messages and notes sent home are positive.	<input type="radio"/>					
27. The principle treats people as though they are responsible.	<input type="radio"/>					
28. Space is available for students independent study.	<input type="radio"/>					
29. People often feel welcome when they enter the school.	<input type="radio"/>					
30. Students work cooperatively with each other.	<input type="radio"/>					

Statements	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree	N/A
31. Interruptions to classroom academic activities are kept to a minimum.	<input type="radio"/>					
32. Fire alarm instructions are well posted and seem reasonable.	<input type="radio"/>					
33. People in this school want to be here.	<input type="radio"/>					
34. A high percentage of students pass in this school.	<input type="radio"/>					
35. Many people in this school are involved in making decisions.	<input type="radio"/>					
36. Many in this school try to stop vandalism when they see it happening.	<input type="radio"/>					
37. Classrooms offer a variety of furniture arrangements.	<input type="radio"/>					
38. The school sponsors extracurricular activities apart from sports.	<input type="radio"/>					
39. Teachers appear to enjoy life.	<input type="radio"/>					
40. Clocks and water fountains are in good repair.	<input type="radio"/>					

Statements	Strongly Agree	Agree	Undecided	Disagree	Strongly Disagree	N/A
41. School buses rarely leave without waiting for students.	<input type="radio"/>					
42. School pride is evident among students.	<input type="radio"/>					
43. Daily attendance by students and staff is high.	<input type="radio"/>					
44. There are comfortable chairs for visitors.	<input type="radio"/>					
45. Teachers share out-of-class experiences with students.	<input type="radio"/>					
46. Mini courses are available to students.	<input type="radio"/>					
47. The grading practices in this school are fair.	<input type="radio"/>					
48. Teachers spend time after school with those who need extra help.	<input type="radio"/>					
49. The lighting in this school is more than adequate.	<input type="radio"/>					
50. Classes get started quickly.	<input type="radio"/>					

[Submit](#)



啟發潛能教育學校問卷調查 (ISS-R)

各位親愛的問卷填寫者，我們期望透過以下問卷，了解對學校現況的一些的看法，你的個人意見將予以保密，再次感謝你的參與。

填寫上述資料的用途

校內其他 學生 輔導教師 行政人員
 家長 教師 其他

性別 男 女

年齡(學生適用)

8 9 10 11 12 13 14 15 16 17 18 19 20+ 不適用

指引：此調查的目的，在於收集你對學校的看法。以下是一些有關對學校的看法，請按程度，在右列選出你對每項的同意程度。如果你認為其中有不適用於貴校者，請選擇「不適用」。

項目	十分同意	同意	未定作決定	不同意	十分不同意	不適用
1. 同學互相合作。	<input type="radio"/>					
2. 學校鼓勵學生參與運動項目。	<input type="radio"/>					
3. 校長在決策過程中能讓各人參與。	<input type="radio"/>					
4. 校內設施舒適整潔。	<input type="radio"/>					
5. 教師願意協助有特殊需要的學生。	<input type="radio"/>					
6. 教師對學生予以尊重。	<input type="radio"/>					
7. 各課評級多方面於學生表現及所付出的努力。	<input type="radio"/>					
8. 學校空氣清新。	<input type="radio"/>					
9. 教師平易近人。	<input type="radio"/>					
10. 校內有豐富學生健康發展的課程/活動。	<input type="radio"/>					

項目	十分同意	同意	未定作決定	不同意	十分不同意	不適用
11. 學生有機會在課堂活動中互相交流。	<input type="radio"/>					
12. 教師願意付出時間與學生討論其課堂以外的事務。	<input type="radio"/>					
13. 學校清潔，保養妥善。	<input type="radio"/>					
14. 學校的電腦設施都獲得迅速和權威的答覆。	<input type="radio"/>					
15. 教師整體上備課充足。	<input type="radio"/>					
16. 學校洗手間清潔，保養妥善。	<input type="radio"/>					
17. 學生有機會參與在校外的體藝活動。	<input type="radio"/>					
18. 教師有幽默感。	<input type="radio"/>					
19. 學校政策容許及鼓勵不同成員表達意見。	<input type="radio"/>					
20. 校長宣佈置磁引。	<input type="radio"/>					

項目	十分同意	同意	未定作決定	不同意	十分不同意	不適用
21. 學校成員以禮相待。	<input type="radio"/>					
22. 學校師生準時到校。	<input type="radio"/>					
23. 學校有推動學生及教職員注重健康。	<input type="radio"/>					
24. 教師致力增加學生的自信心。	<input type="radio"/>					
25. 雙程橋傳真磁引合時。	<input type="radio"/>					
26. 學校發出的訊息及資料是正面的。	<input type="radio"/>					
27. 校長信任校內成員是有責任感的。	<input type="radio"/>					
28. 校內有提供給學生個別進行學習/做功課/自修的地方。	<input type="radio"/>					
29. 人們進入學校時感到是受歡迎的。	<input type="radio"/>					
30. 學生間能合作共事。	<input type="radio"/>					

項目	十分同意	同意	未能作決定	不同意	十分不同意	不適用
11. 學生有機會在課堂活動中互相交流。	<input type="radio"/>					
12. 教師願意付出時間與學生談論其課堂以外的事務。	<input type="radio"/>					
13. 學校清潔，保養妥善。	<input type="radio"/>					
14. 學校的未電查詢都能獲得迅速和禮貌的答覆。	<input type="radio"/>					
15. 教師整體上備課充足。	<input type="radio"/>					
16. 學校洗手間清潔，保養妥善。	<input type="radio"/>					
17. 學生有機會參與在校外的體驗活動。	<input type="radio"/>					
18. 教師有幽默感。	<input type="radio"/>					
19. 學校政策容許及鼓勵不同成員表達意見。	<input type="radio"/>					
20. 校長宣佈置吸引。	<input type="radio"/>					

項目	十分同意	同意	未能作決定	不同意	十分不同意	不適用
21. 學校成員以禮相待。	<input type="radio"/>					
22. 學校師生準時到校。	<input type="radio"/>					
23. 學校有推動學生及教職員注重健康。	<input type="radio"/>					
24. 教師致力增加學生的自信心。	<input type="radio"/>					
25. 登報板佈置吸引合時。	<input type="radio"/>					
26. 學校發出的訊息及資料是正面的。	<input type="radio"/>					
27. 校長信任校內成員是有責任感的。	<input type="radio"/>					
28. 校內有提供給學生個別進行學習/功課/自修的地方。	<input type="radio"/>					
29. 人們進入學校時感到是受歡迎的。	<input type="radio"/>					
30. 學生間能合作共事。	<input type="radio"/>					

項目	十分同意	同意	未能作決定	不同意	十分不同意	不適用
31. 學校會盡量避免影響課堂教學活動的事情發生。	<input type="radio"/>					
32. 火警告示合理地張貼於當眼處。	<input type="radio"/>					
33. 學校成員對學校有歸屬感。	<input type="radio"/>					
34. 大部份學生能夠取得及格成績。	<input type="radio"/>					
35. 不少校內成員都會參與校內的決定。	<input type="radio"/>					
36. 校內成員在看到有蓄意破壞學校設施的行為時會作出制止。	<input type="radio"/>					
37. 教學設施包羅萬有。	<input type="radio"/>					
38. 學校支援學生參與運動以外的課外活動。	<input type="radio"/>					
39. 教師看來享受生活的樂趣。	<input type="radio"/>					
40. 時鐘和飲水機的維修保養得當。	<input type="radio"/>					

項目	十分同意	同意	未能作決定	不同意	十分不同意	不適用
41. 校巴絕少遲到學生。	<input type="radio"/>					
42. 學生對自己是學校的一員而感到自豪。	<input type="radio"/>					
43. 學生及教職員的出席率高。	<input type="radio"/>					
44. 學校為訪客提供舒適的座椅。	<input type="radio"/>					
45. 教師樂於與學生分享教學以外的經驗。	<input type="radio"/>					
46. 學校有向學生提供興趣班。	<input type="radio"/>					
47. 校內的評分制度是公平的。	<input type="radio"/>					
48. 教師會在課後協助有特別需要的學生。	<input type="radio"/>					
49. 學校的照明十分充足。	<input type="radio"/>					
50. 課堂迅速開展。	<input type="radio"/>					

獨立結卷