

Personal

physical

Psychological



Environmenta

Social

Cultural

ronmental factors (figure 2).

changeable personal factors: drink when..."

RECOMMENDATIONS

- Careful experimental design is essentially important. To ensure the results of the project are generalizable, every alternative should be sought to guarantee that the sample is representative, even if random selection or random group assignment were not feasible.
- Booster sessions are necessary to reinforce the intervention effects. Learning about drinking should be seen as a lifelong process.
- Adapting the intervention to local cultural environment is always necessary. Local teachers reviewing the curriculum
- Translation of the measurement instruments
- A variety of techniques should be applied in teaching to attract young people's attention.
 - Role play
 - Group discussion
 - Practicing
- Multimedia

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Reducing Harms from Adolescents' Drinking: Exploring the Effects of an Alcohol Intervention Curriculum Designed for Chinese Youth

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Outcome	Path	Estimate	S.E.	Est/S.E.	p value
Knowledge	1*	2.733	0.39	6.999	<.0005
	2*	1.68	0.348	4.826	<.0005
Negative	1	-0.102	0.066	-1.56	0.119
Expectancy	2	0.038	0.045	0.833	0.405
Positive	1*	0.215	0.067	3.23	0.001
Expectancy	2	-0.014	0.042	-0.325	0.745
Self Efficacy	1*	-4.316	1.635	-2.639	0.008
	2	0.692	1.261	0.549	0.583
Drinking	1*	0.481	0.133	3.629	0.0003
Frequency	2	-0.123	0.107	-1.147	0.251
* n< 05					

Mediator	Indirect Path	Estimate	S.E.	Est/S.E.	p value
Knowledge	1	0.033	0	0.84	0.401
	2	0.009	0	0.383	0.701
Negative Expectancy	1	0.07	0.1	1.276	0.202
	2	-0.001	0	-0.106	0.915
Positive	1*	0.182	0.1	2.498	0.012
Expectancy	2	0.01	0	0.794	0.427
Self Efficacy	1*	0.236	0.1	2.574	0.01
	2	-0.005	0	-0.332	0.74

INTERVENTION AND SURVEY

- Features of the curriculum:
- > Acknowledge both positive and negative effects of alcohol (figure 4)
- Focus on harm reduction rather than abstinence
- > Clarify inaccurate perceptions about alcohol
- Build up skills to manage the drinking behavior



- Orinking behavior
- Investigators were trained to follow certain procedures (figure 5) to ensure that the survey was anonymous while students



6 months after the intervention (table 2).

Is the effects on behavior mediated by other variables? Yes

- The effect of the intervention on frequency of drinking was mediated by positive alcohol expectancy and selfregulation self efficacy (table 3).
- In an expanded model (add another layer on top of figure 8), with two mediators, knowledge also mediated the effect on frequency of drinking via its effect on self-regulation self-efficacy.

