

Evolution of Native It's Your Game 3.0 Enhancing and Disseminating a Culturally Responsive Sexual Health Education Curriculum for American **Indian and Alaska Native Youth**

INTRODUCTION

- •American Indian and Alaska Native (AI/AN) youth experience numerous sexual and reproductive health disparities. There is a critical need for culturally relevant, inclusive, and trauma-informed sexual health education programs to help AI/AN youth thrive.
- Native It's Your Game 2.0 (NIYG 2.0) is a 13-lesson on-line sexual health education curriculum for AI/AN youth with demonstrated cultural acceptability, usability, and feasibility (Fig. 1).^{1,2}

PURPOSE

Development of an enhanced version of NIYG 2.0 to better meet the needs of AI/AN youth and NIYG facilitators

Fig 1: NIYG lesson menu (excerpt lesson7-13).



Fig 2: Screenshots of NIYG data collection process

Teacher Name: bucknell Classroom Name: CTGR-NPAIHB Summer Internship 2022 Classroom Description: CTGR-NPAIHB Summer Internship "We Are Inspired"	Home
ENROLL YOUTH OPTION Create a username and pasoword, along with security questions to retrieve your account in case you	Create Classroom
First Name *	Group Name *
Last Name *	
Gender * Select - v	Semester *
Plase choose a user name	
Password *	Year *
	- Select a value - V
SECURITY QUESTIONS	Archived
Secret Question 1 * Select - Choose the question that you would like asked (can only be used once).	Check the box to archive this group
Your Answer 1 *	Group Description *
Secret Question 2* Select - v	
Choose the question that you would like asked (can only be used once). Your Answer 2*	
Type the answer to the question you have chosen.	
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Fig 3: Examples (a-d) of recommended enhancements for NIYG 3.0.

a) Cultural responsiveness: 1) Changing skin tones of risky characters to create more balance.

2) Changing the home decor to regional Native art/ design



c) Neuro-diverse accessibility: Update all fonts to a standard, high contrast, standard font such as Arial

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d) Trauma-informed: Adding content warnings in the beginning of modules

Disclaimer NIYG 3.0 CONTENT WARNINGS

Header: Content Warning: Body: The upcoming activity includes content that might be challenging for some people, including [fill in the content categories that apply]. If you have questions, eel uncomfortable, or would like to talk about some of the content in this activity, please let your teacher/ youth worker know **Content Categories**

Scenes showing friends at a party offering alcohol and drugs. Scenes showing tense sexual risk situations. Scenes where young people are at risk of harm or in danger.

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METHODS



	ata			NE				PR	DWE	D
1	Lesson 5	Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13	
1	Lesson 5	Lesson 6	Lesson 7	Lesson 8	Lesson 9	Lesson 10	Lesson 11	Lesson 12	Lesson 13 0	

/2021 - 03:20	student	0	0	0	0	0	0	1	0	0	0	0	0	1
/2020 - 12:19	teacher	0	0	0	0	0	0	0	0	0	0	0	0	0
/2021 - 12:15	teacher	1	0	1	0	0	0	0	0	0	1	0	0	0
/2020 - 19:18	teacher	0	0	0	0	0	0	0	0	0	0	0	0	0
/2022 - 05:43	student	1	1	1	1	1	1	1	1	1	1	1	1	1
/2021 - 12:19	teacher	0	0	0	0	0	0	0	0	0	0	0	0	0
/2021 - 12:21	teacher	0	0	0	1	0	0	0	0	0	0	1	0	0
/2020 - 14:49	teacher	0	0	0	0	0	0	0	0	0	0	0	0	0
/2021 - 12:13	teacher	0	0	0	0	1	0	0	0	0	0	0	0	0
/2021 - 01:13	student	0	0	0	0	0	0	0	0	0	0	0	0	0
/2021 - 02:26	student	0	0	0	0	0	0	0	0	0	0	0	0	0



b) LGBTQ inclusiveness: Switching out "boyfriend" for "partner" SELECT RULE KISSIN' & HUGGIN' ONLY I WON'T HAVE SEX UNTIL I OLDER I WON'T BE ALONE WITH MY BOYFRIEND I WON'T HAVE SEX AGAIN UNTIL I'M OLDER

Phase I. Content Analysis Review

NIYG 2.0 front end reviewed by subject matter experts and youth (current users) on four domains: Culturally responsive, LGBTQ inclusive, trauma informed, and neuro-diverse accessible. Back-end data collection was reviewed for data completeness, utility for tracking reach, and ease of management for reporting (Fig 2)

Phase II. Tabulation, coding, and thematic analysis Review feedback was coded (n=24 codes) and cross tabulated by review domain and lesson content

Phase III. Enhancement prioritization

Enhancements to the student curriculum and facilitator/teacher content and data management were prioritized on criteria of impact, utility, and required resources.

RESULTS

NIYG 2.0 curriculum enhancements comprised four domains and 84 specific programming activities designed to increase responsiveness to: 1) cultural needs (n=13), ADA inclusive and neuro-diverse accessible (n=25), trauma informed and mindful content (n=17), and sexuality and gender minority inclusion (n=29) (Fig 3).

NIYG 2.0 back-end content and data management enhancements comprised 1) updates on data items and protocols in facilitator and classroom account creation, 2) student enrollment, and 3) format and protocol for export data files.





CONCLUSION

Adaption of evidence-based digital sexual health programs toward more trauma-informed and inclusive strategies requires community input, a systematic approach to drafting discrete programming tasks, and sufficient resource to accommodate programming changes

REFERENCES

1. Shegog R, Craig Rushing S, Jessen C et al. (2017) Native IYG: Improving Psychosocial Protective Factors for HIV/STI and Teen Pregnancy Prevention among Youth in American Indian/Alaska Native Communities. JARC, Vol. 8: Iss. 1, Article 3

2. Craig Rushing, S., Stephens, D., Shegog, R., et al. (2018). Healthy Native Youth: Improving Access to Effective, Culturally-Relevant Sexual Health Curricula. Frontiers in Public Health. https://doi.org/10.3389/fpubh.2018.00225

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