BING NURSERY SCHOOL

**RESEARCH STUDY REGISTRATION**

Title of Study Storybooks to motivate and inspire girls in leadership and STEM professions

Faculty Sponsor Ellen M. Markman (tel.) 650-725-2427

if further information is sought

Researchers: List names and telephone numbers of all persons working on this study

Use \* to indicate person in charge

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Description of Study:

Length of each session: 5-15 minutes.

No. of sessions/child: 1

What age range of children will be involved? 5-6yo

General Background of Study; Goals at Bing; Procedures to be used:

Women have been historically underrepresented in a variety of occupations, fields, and roles in society. Recently, there has been a burgeoning market of storybooks intended to motivate and inspire preschool girls to pursue roles in which they are underrepresented.   
  
We are interested in evaluating whether certain types of language and narrative elements used in these storybooks successfully achieve the goal of motivating children, and whether they have different motivational effects on boys and girls. For example, some types of language and narrative elements we might examine include: language that contrasts the female protagonist in the story with other girls, and exceptionalism of the female protagonist.

In this study, children will be read excerpted passages from three bestselling books for preschoolers about real-life women, for an example, the pilot Amelia Earhart. Children will either hear an original passage from the book, or a passage we have edited to remove the type of language or narrative element we are interested in. Children will then be asked about their own motivation to pursue the role in the story, as well as the motivation of a new girl character and the motivation of a new boy character. The results of this study will help us understand how best to motivate girls to pursue roles in which they face challenges.

Will video or audiotaping be used? Yes, video What will become of tapes after use? e.g.,

Video and audiotapes are to be erased after 5 years after publication. If applicable, video and audiotapes may be used for legitimate educational uses such as lectures and scientific meetings related to the development and education of young children. Any more widespread use of photographs and videotapes such as in textbook illustrations or in educational films would require additional specific written consent.

Description of risks associated with the study: \_\_\_\_\_\_\_\_\_n/a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Description of any benefits to subject or others: \_\_\_\_\_\_\_\_n/a\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Protocol approval and expiration date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FOR OFFICE USE ONLY

Date Posted Study Number

- 2 -

Anticipated Subject Pool : TOTAL 100

#2's #3's #4's #5's

Size of Population

to be studied: 0 0 0 100

Will child be tested alone? yes In a group?

What size group?

Will the child receive any reward? no

If yes, please describe:

Anticipated Hours Spent at Bing

Hours A.M. Hours P.M.

Monday 3

Tuesday

Wednesday 3

Thursday

Friday 3

Please attach the following:

1. Copy of Human Subjects Approval

2. Copy of Research Protocol

Please let us know of any changes in research personnel or of significant changes in your study description or protocol.

Thank you.