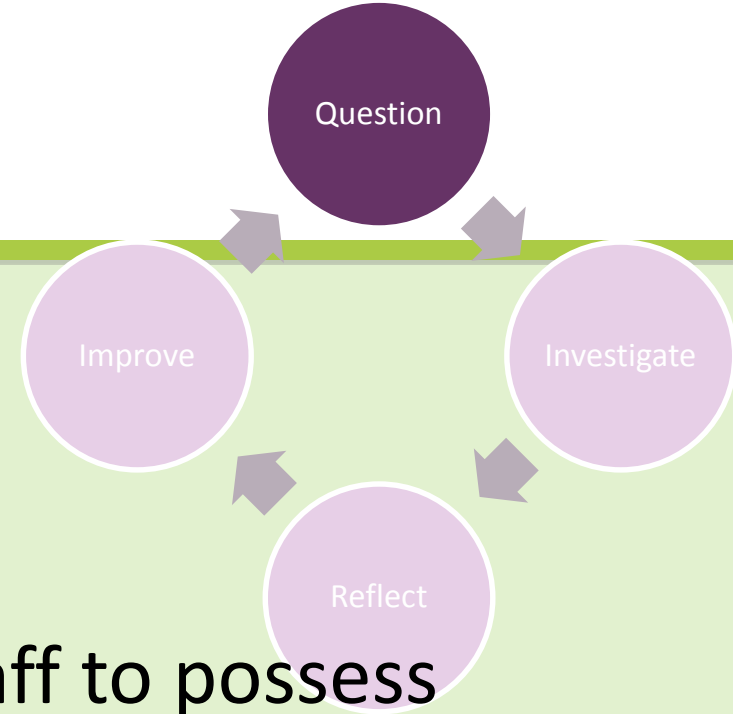


TBI Report Out

Children's Discovery Museum



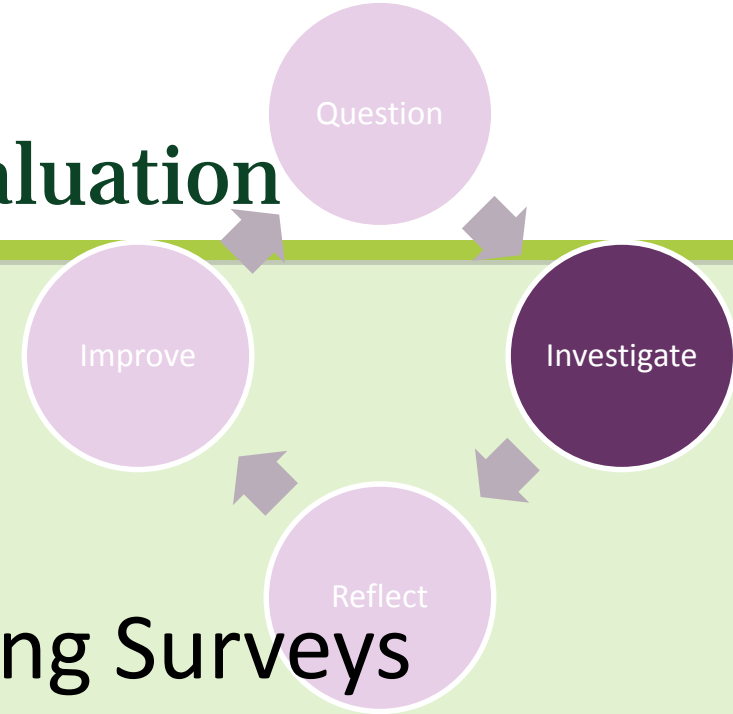
CDM Training Evaluation



Training

- Educational Goal was for staff to possess content knowledge and presentation skills to engage the public of all ages and abilities
 - Do Staff, interns, volunteers have the content knowledge after the training?
 - How much does staff need to know?

CDM Lesson & Training Evaluation



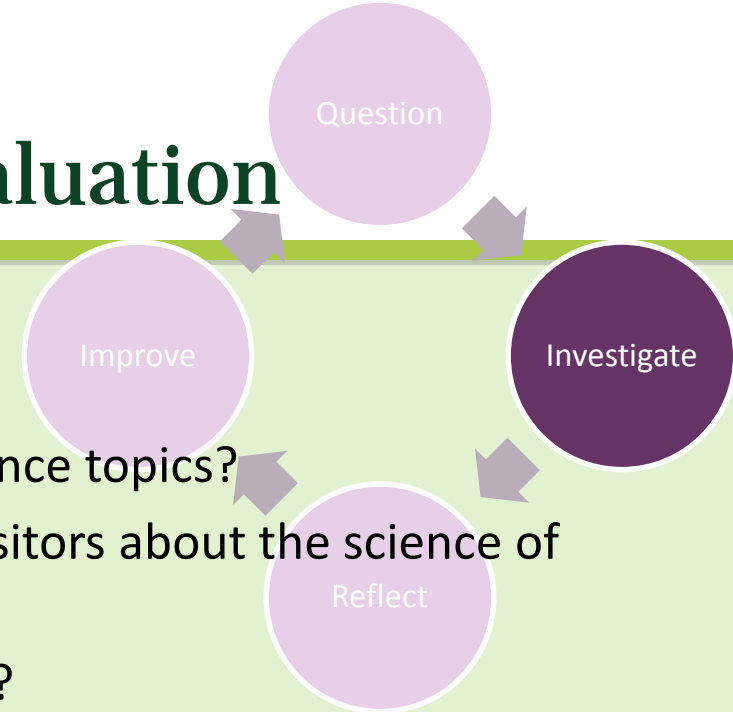
Training

- Pre training & Post training Surveys
 - Ask questions on
 - Interest
 - Knowledge
 - Confidence

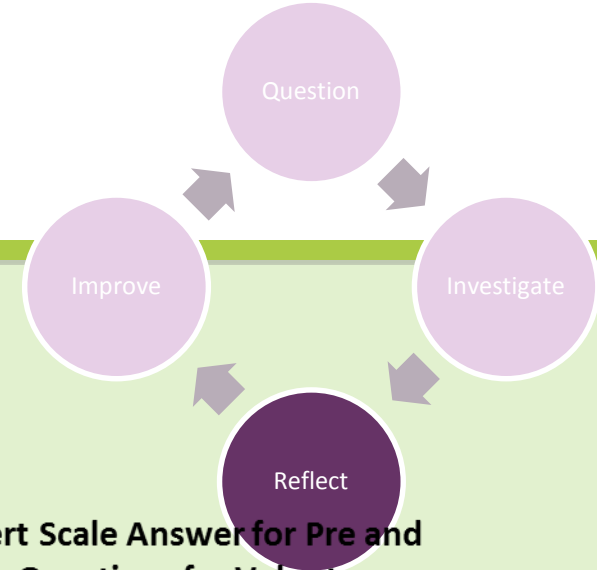
CDM Lesson & Training Evaluation

Survey

1. How knowledgeable do you feel about science topics?
2. How comfortable are you with talking to visitors about the science of the current exhibits in the museum?
3. How interested are you in nanotechnology?
4. How knowledgeable do you feel about things being on the macro, micro and nano scale (what a nanometer is)?
5. How knowledgeable do you feel about how things behave differently on the nano scale, on the molecular level?
6. How knowledgeable do you feel about nano technology and where/how we use it in our daily lives?
7. How knowledgeable do you feel about nano technology and how it is used in new technology development?
8. How comfortable are you with talking to visitors about nano technology and all its aspects?



CDM Training Evaluation



Average Likert Scale Answer for Pre and Post Survey Questions for Staff

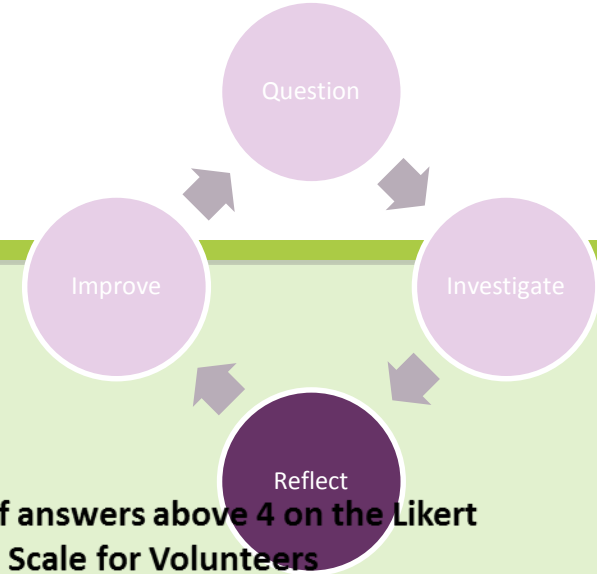


*Questions 1 & 2 are specific to museum
 3/1 – interest, 4-7/2-5 are knowledgeable, 8/6 -
 comfort with teaching nanotechnology

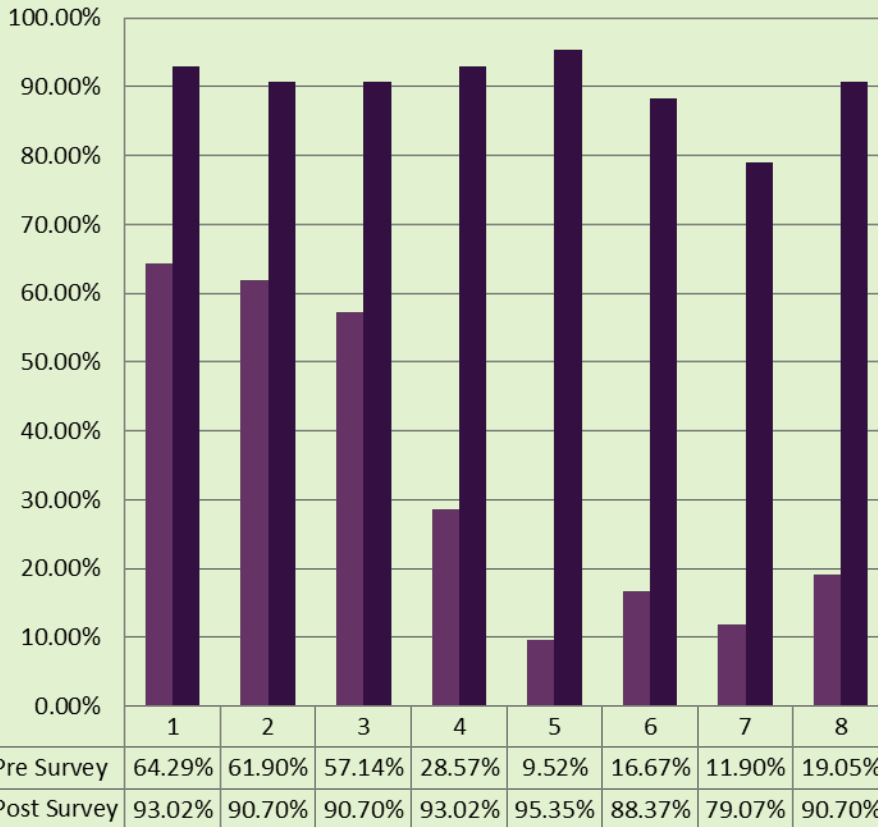
Average Likert Scale Answer for Pre and Post Survey Questions for Volunteers



CDM Training Evaluation

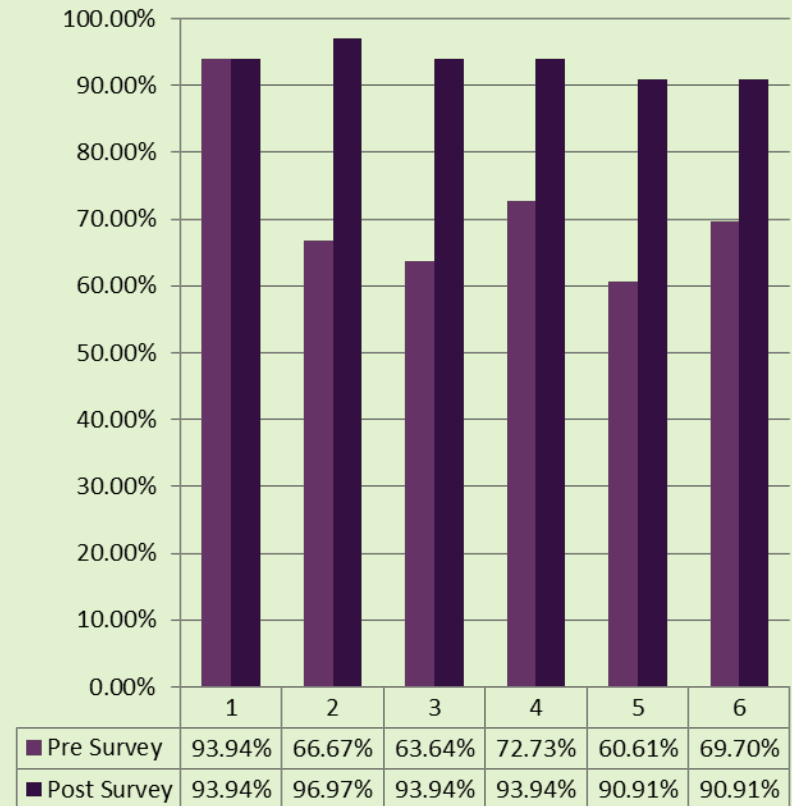


Percent of answers above 4 on the Likert Scale for Staff



*Questions 1 & 2 are specific to museum
 3/1 – interest, 4-7/2-5 are knowledgeable, 8/6 -
 comfort with teaching nanotechnology

Percent of answers above 4 on the Likert Scale for Volunteers

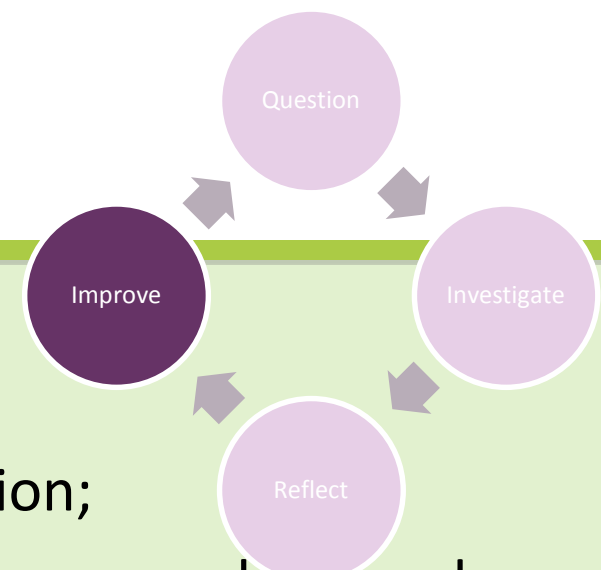


CDM Training Evaluation



- We improved the training as we went along, learning from each session.
- We plan to use similar models of this training in the future for our staff.
- This was the first formal training of content for the whole staff and we wish to evaluate its effect on the staff and their interactions with visitors in the future.
- Volunteers need to have more hands-on, clearly applicable experiences.

CDM Training Evaluation



- Future trainings will include
 - a demo/model presentation in the station;
 - open Q&A time that all staff and volunteers can hear and participate in.
 - more time to interact with the materials
 - practice presenting to each other.
- Currently we have created “cheat sheets”
 - more information on the science of the nanotechnology
 - more real-life examples of how we use this technology or where we got the ideas from.

CDM Training Evaluation

