Inquiry Process for
Technology, Science and Social Science at Papatoetoe Central School

Stage 1: Task Orientation

- The Hook
- Reveal the Essential Question
- Establish Prior Knowledge
- Knowledge Attack
- Generate Subsidiary Questions

Stage 2: Skills Process

Remembering

Recall or recognition of specific information
Can you recall information?
Recognizing, listing, describing, retrieving, naming, finding

Understanding

Understanding of given information
Can you explain ideas or concepts?
Interpreting, summarizing, paraphrasing, classifying, explaining

Applying

Using strategies, concepts, principles and theories in new situations
Can you use the information in another familiar situation?
Implementing, carrying out, using, executing

Analysing

Breaking information down into its component elements
Can you break information into parts to explore understandings and relationships?
Comparing, organizing, deconstructing, interrogating, finding

Creating

Putting together elements to develop an original idea or engage in creative thinking
Can you generate new products, ideas, or ways of viewing things?
Designing, constructing, planning, producing, inventing.

Evaluating

Judging the value of ideas, materials and methods by developing and applying standards
Can you justify a decision or course of action?
Checking, hypothesizing, critiquing, experimenting, judging

Reflection