

Inquiry Learning Grade 4 – 2016 - 2017

Course Objectives:

Inquiry learning is an inquiry-based subject that provides students with an opportunity to explore concepts from Environmental Education, Social Education, Personal Development, Health Education, Science and Technology and Language Arts. The subject allows students to gather information, and process and apply understandings through a wide range of vehicles such as English, Mathematics, Music, Art and Computer. It will provide students with the opportunity to gain the skills and attitudes as well as the concepts and knowledge that are needed to become both informed global citizens and active members in their local community.

Resources: 1. The library
2. The internet
3. The community
4. Teacher's resources

Main Topics Covered:

Semester 1:

Learn to live and live to learn –
Science

Big idea: Learning is a fundamental characteristic of humans that connects them to the world

Underlying concepts:

- What is learning
- How we construct meaning through learning
- How the brain functions
- The various ways people learn
- How animals learn
- The uniquely human elements of learning

A place for everyone –
Environmental Education

Big Idea: Humans have adapted to a variety of climatic and geographic conditions

Underlying concepts:

- Climate
- The climate zones
- Natural vegetation at the various zones
- Life in the various zones – animals and people
- Occupation, clothing
- Time zones
- Migration of animals - journeys

Let's not say good-bye –
Environmental Education and Science

Big idea: Endangered animals

Underlying concepts:

- How animals are endangered
- Humans are responsible for many of the threats to endangered animals
- Endangered animals of Indonesia

Semester 2:

Off the drawing board – Science & Technology and Social Education

Big idea: Technology has changed the world of work

Underlying concepts:

- What is technology
- Inventions and discoveries that solve problems
- Historical circumstances that led to development of some important inventions and their impact – industrial revolution
- The principles behind those inventions
- How inventors get their ideas

The power of the pen – Language Arts and Social Education

Big idea: Print, other visual media and sound can create, alter or manipulate images or perceptions

Underlying concepts:

- Different kinds of communication such as speech, the media, computers, performing arts and advertising
- The purpose of advertisements
- Devices that are commonly used to manipulate perceptions
- The role of music in the media

Living in Indonesia – Social Education

Big idea: Exploring Java

Underlying concepts:

- All cultures have common and unique characteristics which contribute to global society
- How the culture of Java contributes to the uniqueness of the area
- How and why Java has developed the way it has
- The valuable natural resources of Java (crops, minerals, etc.)

Assessment

Assessment	Weighting(%)
• Formative assessment (teacher observation / class work / homework)	20
• Summative assessment (projects)	50
• Quizzes	30
	100