



How SunSmart are we?

Levels F-6

Learning intention

To identify and measure which sun protection steps are used at the school and how SunSmart teachers and students are.

Victorian F-10 Curriculum Links Content descriptions

Mathematics (Statistics and Probability)

Foundation: Answer yes/no questions to collect information

Level 1: Choose simple questions and gather responses. Represent data with objects and drawings where one object or drawing represents one data value. Describe the displays.

Level 2: Collect, check and classify data. Create displays of data using lists, table and picture graphs and interpret them.

Level 3: Collect data, organise into categories and create displays using lists, tables, picture graphs and simple column graphs, with and without the use of digital technologies.

Level 4: Select and trial methods for data collection, including survey questions and recording sheets. Construct suitable data displays, with and without the use of digital technologies, from given or collected data. Include tables, column graphs and picture graphs where one picture can represent many data values.

Level 5: Pose questions and collect categorical or numerical data by observation or survey. Construct displays, including column graphs, dot plots and tables, appropriate for data type, with and without the use of digital technologies.

Level 6: Pose and refine questions to collect categorical or numerical data by observation or survey.

Introduction

What does being SunSmart mean?

What are the 5 sun protection steps recommended by SunSmart? See sunsmart.com.au.

Students do a 'think, pair, share' and then share together in the group.

As a class review the school's SunSmart policy and identify what the expectations are around the school uniform, wearing a hat, applying sunscreen and using shade.

Activity

Ask the students to create questions to gather data on hat wearing, sunscreen application and shade use at school.

During recess and lunch for one week, students survey, observe and tally how many staff and students are wearing a hat, using shade and/or have applied sunscreen before going outside. With this information ask students to draw a graph to represent the data gathered.

**Please note this activity can be altered depending on which year level you teach. See the Content Descriptions to scaffold it appropriately.*

Reflection

After tallying results and creating their graphs, ask the students to respond to the following:

- What is the mean number of people who wear hats?
- Which day had the least number of teachers or students wearing a hat / sunscreen/using shade?
- Which day had the most number of teachers and students wearing a hat /sunscreen/ using shade?
- Was there a difference amongst classes/year levels?
- What results did you find the most surprising?
- How would you rate the SunSmart behaviour at school?
- How could you encourage improvements?