

Water 水

Week 36 - 45 第三十六至四十五週

17th April – 23rd June 2017 二零一七年四月十七日至六月二十三日

Our fourth unit is 'Water' and it will last for ten weeks. In this unit, we will inquire into how various lives depend on water and why is it essential for their existence. We will look into the sources and the different uses of water within our school community, at home and also globally. We will investigate how our actions affect water and how water changes. This unit will help us understand and make a connection with the global issue of water conservation and our responsibility towards it.

我們將展開對最後一個單元「水」的探索。在學習過程中，我們會探究「水」的來源，以及水在世界各地、社區、學校、家庭等範圍內的不同用途。同時我們也會探討「水」在生活中的重要性；我們的行為如何影響水；水在不同的條件會產生的變化等。藉著活動，讓小朋友理解對於「節約用水」這個全球性關注的問題，我們應如何負起相關的責任。



Central Idea 中心思想

**Water is essential to life
and
comes in many forms**

水在生活中不可缺少
和
以不同形式呈現

Lines of inquiry 探究線索:



**How water sustains life
水如何維持生命**



**Sources of water and how
water changes
水源和水的變化**



**Responsibilities regarding water
正確用水**

What do we want to Learn? 我們想學習什麼？

An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.

探究努力與他人及其他生物分享有限資源時的權利與責任；群體/社區以及他們內部及之間的關係；機會均等；和平與解決衝突。



We will focus on.....

ATTITUDES

態度



Commitment 投入
Respect 尊重
Curiosity 好奇心

SKILLS

技能



Thinking 思考
Self Management 自我管理
Research 研究

CONCEPTS

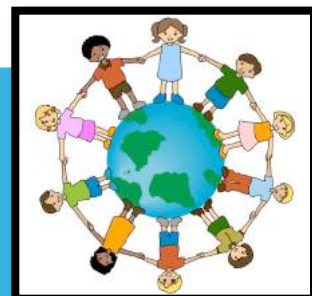
概念



Connection 聯繫
Change 變化
Responsibility 責任

LEARNER PROFILE

學習檔案



Thinkers 思考者
Principled 有原則的人
Reflective 反思者

Learning Content 學習內容

Phonics: /Ll/ lollipop, lemon, /Ff/ fish, flag, /Bb/ ball, bat, /Jj/ jam, jelly, /Ww/ window, wind,
/Vv/ van, violin, /Yy/ yogurt, yo-yo, /Xx/ fox, box

Vocabulary and phrases: water, sea, river, tap, ice, hot, cold, wet, liquid, gas, save, wash, bath, brush, drink, cook, swim, changes, water cycle, evaporation, condensation, clouds, pipes, drains, We can use water to....., I can save water by.....

Numbers: 14-20

Colours/ Shapes: Revise brown, gold, silver, black, white, light and dark shades, crescent, semi-circle, star, heart, diamond

Science concepts: liquids and solids, freezing and melting, dirty and clean, raw and cooked, Full and empty

Gross motor: frog race, hop on one leg, jump over a hurdle, throw a ball into a box, bounce and catch a ball, Water transfer relay

Fine motor/ Self-help skills: Use scissors to cut in a line, cut squares into triangles, use tongs to transfer marbles, pour water from the jar to a cup, scoop ping pong balls from the water, take off and wear socks

中文認字/口頭配詞：水、雨、木、魚、冰、洗、冷、熱

口頭說話：口頭說出水的來源/ 說出水的用途/ 說出水的變化

中文句式：水能夠_____。/海洋裡有_____。/ 夏天到，_____。

數字：14-20

顏色/形狀：咖啡色、金色、銀色、黑色、白色、濃淡色/ 半圓形、月牙形狀

數概：水的三態（氣體/液體/固體）、軟/硬、粗燥/光滑、光/暗、滿/空、排序規律/、生/熟

大肌肉：青蛙跳比賽、單腳跳、跳越障礙物、拋球入盒內、拍球和接球、運水遊戲

小肌肉/自理能力：用剪刀剪直線、用剪刀把正方形剪成三角形、用夾子運玻璃珠、用調羹取出水中的乒乓球、編織紙條

Dear parents,

Children will continue to learn about the music notation throughout this unit. They will learn to chant along with rhythmic chants and will help emphasise the use of rhythm and musical notation. Steady beat with varied tempo speeds will be used.

Children will also explore and distinguish a variety of singing voices. These include the normal singing voice, whispering voice, outdoor voice, indoor voice and short spiky voice.

Ms. Veronica

Try clapping the following pattern:



It will look like this if we only use music notation:



Rhythmical chants will be used to emphasise music notation

Rain, Rain, Go Away

Rain, rain - go away,
Come again another day.
Little Shelley wants to play.
Rain, rain - go away.

1

BEAT

Beat is the steady pulse which you can clap along to.

2

RHYTHM

Rhythm is the flow of words by short or long sounds.

3

MUSIC NOTATION

Use of written symbols that is recognised universally.



Crotchet

Worth one beat each. It looks like a black lollipop.



Quaver

Worth a half a beat each. But these are worth one beat if joined together.



Minim

Worth two beats. It looks similar to a crotchet but it is not coloured in.