

Lesson Planner – Learning about the weather

While learning outdoors in differing weathers, I have described and recorded the weather, its effects and how it makes me feel and can relate my recordings to the seasons. **SOC 0-12a**

Optional Flipped Learning

<https://www.youtube.com/watch?v=rD6FRDd9Hew&t=46s>

Use this video and weather song to introduce the idea of checking the weather each day.

Start a discussion about why we might need to check the weather every day, what might it tell us?

In school Learning

In the classroom

Create a class calendar to track what the weather looks like today.

OR Make your own mini notebook using the video instructions on this page:

<https://blogs.glowscotland.org.uk/ea/learningoutdoorssupportteam/make-a-mini-notebook/>

You could make these for pupils or make a big class one to record what the weather is like every day.

You will need:

- an A3 or A4 sheet of paper
- a pair of scissors
- a flat, hard surface to work on
- pens and pencils to decorate and write in it

Start the lesson by looking outside to see what the weather looks like. What will this mean for when we go outside? What will we need to wear?

Record what the weather looks like on the chart. You could leave space below the recording to write in anything else that the children want to remember after they have been outside e.g. a drawing, words to describe how they felt, what they needed to wear etc.

Outside – optional activities based on your class. These also work well as a rotation

Activity 1 – Taking photographs of the effects of the weather

You will need

Cameras/iPads

Looking at the trees, looking for puddles, things that are wet, dry, looking at rivers, clouds, the sky etc – adapt depending on the day – asking questions throughout to encourage deeper thinking e.g. “When the clouds look like that, what do you think will happen, why?” “Why is the river high/flowing fast?” etc

Activity 2 – Drawing the effects of the weather

You will need:

Paper
Clipboards
Pencils

Instructions

As above but pupils draw pictures of what they can see

Activity 3 – Weather Wizard Activity

You will need:

Clipboards
Pencils

Weather Wizard Activity Sheet -

<https://blogs.glowscotland.org.uk/ea/public/learningoutdoorssupportteam/uploads/sites/11891/2020/08/13123640/Weather-Wizard.docx>

Pupils use the sheet to draw on, thinking about the clothes that they are wearing, the weather around them, how they feel etc.

Back in the classroom, pupils can share what they have found out and make additions to the class calendar/s.

Out of School Learning

At home

Encourage parents and pupils to look outside in the morning before they get dressed and encourage pupils to think about what they should be wearing to school. Will they need a jacket etc?

Learning at School Outdoors

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| <p><u>Experience and Outcomes</u></p> <p>While learning outdoors in differing weathers I have described and recorded the weather, its effects and how it makes me feel and can relate my recordings to the seasons. SOC 0-12a</p> <p><u>Learning Outcome</u></p> <p>To describe and record the weather on at least three separate days To talk about what effects of the weather they can see To identify how the weather is making them feel</p> | <p><u>Resources</u></p> <p>These are optional activities based on your class. These also work well as a rotation</p> <p><u>Activity 1 – Taking photographs of the effects of the weather</u> You will need: Cameras/iPads</p> <p><u>Activity 2 – Drawing the effects of the weather</u> You will need: Paper, clipboards, pencils</p> <p><u>Activity 3 – Weather Wizard Activity</u> You will need: Clipboards, pencils, Weather Wizard activity sheet</p> |
| <p><u>Activity</u></p> <p><u>Activity 1</u> Looking at the trees, looking for puddles, things that are wet, dry, looking at rivers, clouds, the sky etc – adapt depending on the day – asking questions throughout to encourage deeper thinking e.g. “When the clouds look like that, what do you think will happen, why?” “Why is the river high/flowing fast?” etc</p> <p><u>Activity 2</u> As activity 1 but pupils draw pictures of what they can see.</p> <p><u>Activity 3</u> Pupils use the sheet to draw on, thinking about the clothes that they are wearing, the weather around them, how they feel etc.</p> <p>Back in the classroom, pupils can share what they have found out and make additions to the class calendar/s.</p> | <p><u>Assessment</u></p> <p>Written evidence on class calendars or pupil worksheets Photos taken by pupils Drawings completed by pupils Observation and discussion with pupils during sessions outdoors</p> <p>Follow Up Activity/Homework</p> <ul style="list-style-type: none"> • Discussions on the impact of the weather on us – our daily lives and activities that it can impact on • Repeat activities in different seasons to see if there is a change • Link to work on seasons – what is different/growing/changing |

Weather Lesson – Further Teacher Notes

Teacher notes and useful resources

Useful Links:

Learning Outdoors Support Team Website: <https://blogs.glowscotland.org.uk/ea/learningoutdoorssupportteam/>

DIY Weather Kits – OPAL Resource:

<https://blogs.glowscotland.org.uk/ea/public/learningoutdoorssupportteam/uploads/sites/11891/2020/08/13094825/Weather-kit.pdf>

How to make weather instruments:

<https://www.wikihow.com/Make-Weather-Instruments#Making-a-Barometer>

Met Office – Learn about Weather YouTube page: <https://www.youtube.com/channel/UCylCbuzRsB92Gc1I8ru6Vlg>

Understanding the weather; information for teachers PowerPoint:

<https://blogs.glowscotland.org.uk/ea/public/learningoutdoorssupportteam/uploads/sites/11891/2020/05/18114837/The-Weather.pptx>

Met Office Weather YouTube page: <https://www.youtube.com/user/TheMetOffice>

Met Office Resources for Schools: <https://www.metoffice.gov.uk/weather/learn-about/met-office-for-schools>

Nose up high in the sky resource:

<https://blogs.glowscotland.org.uk/ea/public/learningoutdoorssupportteam/uploads/sites/11891/2020/08/13105533/Nose-up-high-in-the-sky-STEM3.pdf>

Weather Wizard Sheet:

<https://blogs.glowscotland.org.uk/ea/public/learningoutdoorssupportteam/uploads/sites/11891/2020/08/13123640/Weather-Wizard.docx>

Weather Song: <https://www.youtube.com/watch?v=rD6FRDd9Hew&t=46s>