

Grade 1 Science

Lesson: 3-11

Unit: Daily and Seasonal Changes

Review
Topic: Seasons

Lesson

- Review → What is a sequence? - A list of things in the order they happen
- What is a cycle? - A sequence that keeps repeating
- Day and Night are a cycle - Discuss amount of heat and light
 - Discuss activities done during day/night and why
 - Other changes? → moon/sun
- Discuss sun as cause for heat and light changes
- Ask students to think of another cycle → guide them to seasons
- Name the 4 seasons
- Put chart paper up with seasons at bottom.
- Give each student a post-it → write name on it
 - Think of sentence: "My favorite season is _____ because _____"
- Each student gets chance to say sentence, then puts post-it on chart paper
- Discuss tally results

Reminders

Supplies Needed

- Chart Paper
- Post-its.

Homework

Notes

Grade 1 Science

Lesson: 3-12

Unit: Daily and Seasonal Changes

Topic: Seasons

Lesson

- Explain that today we will start with a worksheet, and then we will work together as a class. (play up backwards & sequence)
- Show and explain worksheet
- Students do worksheet
- Take up answers
- Put chart paper from previous class back up
- Have students volunteer words we can use to describe each of the seasons. → write them on post-its and put them on chart.
- Discuss.

Reminders

Supplies Needed

- Worksheet
- Post-its
- Chart paper

Homework

Notes

Grade 1 Science

Lesson: 3-¹³

Unit: Daily and Seasonal Changes

Topic: Seasonal Activities

Lesson

- Have students sit in a circle, place a picture in the middle.
 - what is this a picture of?
 - ex - skiing
 - when might you do this activity?
 - winter
 - why would you do it then?
 - need snow, snow, needs cold
 - winter is cold
- Repeat with multiple pictures
- When done, discuss the general differences ~~between~~ amongst seasons
 - Temp → Type of precipitation * Review chart paper
- Discuss that amount of light also changes
 - summer most
 - winter least
- Discuss upcoming quiz
- Read review sheet, discuss
- Hand out review sheet

Reminders

- Cards

Supplies Needed

Homework

Notes

Grade 1 Science

Lesson: 3-14

Unit: Daily and Seasonal Changes

Topic: Days / Months

Lesson

- Talk about 4 seasons making a cycle, ask how long does the cycle take?
 - one year
- "What other cycle takes one year?" - months
- "What are other cycles we use to track time" - days of week
 - hours in day
- "What are the names of months?"
- "What are the name of days?"
- Explain that we are going to play game to help us remember / spell our seasons / days / months
- Game rules
 - Put all cards upside down
 - Turn over two cards, - if they are side by side in sequence keep them
 - if not turn ^{back} over, next player's turn
 - Player with most ~~mathes~~ ^{if you get} at end wins
 - Not all cards will match up at end of game
- students play

Reminders

Remind students to be gentle w cards

Supplies Needed

- Game cards

Homework

- Quiz ~~next~~ ^{in 2} classes

Notes

Grade 1 Science

Lesson: 3-15

Unit: Daily and Seasonal Changes

Topic: Seasonal Picture

Lesson

- Review 4 seasons
- Review words to describe / words associated with the four seasons
- Explain task to students
 - Draw a detailed picture of something associated with a season
 - Write the seasonal words that can be seen in picture
 - Write a sentence to describe picture
- Hand out worksheets
- Point out days / months note on other side of paper
- Students work on their pictures
- If students finish they can play game from last class

Reminders

Supplies Needed

- worksheets
- Game cards

Homework

- Quiz next class

Notes

Grade 1 Science

Lesson: 3-16

Unit: Daily and Seasonal Change

Topic: Quiz

Lesson

- Remind students of rules for writing a quiz.
 - No talking to friends
 - No looking at other papers
 - Put hand up and ask for help if don't understand
- Hand out quizzes
- Inform students that we will work through quiz together, and they are not to go ahead
- Read one question at a time, circulating to insure students understand
- Confer with each student when complete to be sure answers are accurate to their knowledge
- Students may read when done

Reminders

Supplies Needed

- Quizzes

Homework

Notes

Grade 1 Science

Lesson: 3-¹⁷

Unit: Daily and Seasonal Changes

Topic: Seasons Video

Lesson

- Review proper listening/watching behavior
- Watch Bill Nye video
- Watch seasons video

Reminders

- Set up before class to speed up lesson

Supplies Needed

- Projector
- Speakers
- Videos

Homework

Notes

Grade 1 Science

Lesson: 3-¹⁸~~17~~

Unit: Daily and Seasonal Changes

Topic: weather / Seasonal Daylight

Lesson

- Ask students if they have noticed anything "strange" about the sun in the last couple of weeks
- Guide them to the fact that it is getting darker earlier.
- Discuss that during different seasons we get different amounts of light
- Show and discuss graph ~~* talked about different parts of graph~~ 
- Discuss relationship between daylight + temperature
- Transition → We have talked about seasons having different temperatures and light, last thing we need to talk about is different weather
- Ask students to list types of weather and discuss when we would be most likely to have it → only big difference is rain vs snow
- Discuss how all of our seasonal differences relate to sun
- Play charades using different types of weather (Need to explain rules)

Reminders

Supplies Needed

- Daylight graph.

Homework

Notes

- * Talked about - tilted earth
 - here vs Australia
 - more sun = more light + more heat
 - less sun = less light + less heat

Seasons → Weather
Daylight

Grade 1 Science

Lesson: 3-¹⁹~~18~~

Unit: Daily and Seasonal Changes

Topic: Changes by ~~Plat~~ Animals

Lesson

- Read book to class
- Discuss the changes the animals go through as year cycles
- Ask the class about other changes animals may go through
 - Hibernation
 - Gaining/Losing Fur
 - Changing Colour
 - Migration
 - Having Babies
- Show and Explain worksheet
- Hand out worksheet
- Students work for ~10 mins at most
- Take up answers

- * Explain homework
 - * Put HW papers in agenda
- } — has to be done on 3 different weeks (1 per class)

* Thermometers
didn't work,
change to boy
@ dollar store.

Reminders

Supplies Needed

- Book "Do not disturb" ~~set~~
- Thermometers *
- HW assignment *
- Worksheets

Homework

Notes

- * - Do not have enough thermometers → do one class at a time,
→ run 3 3-22 when done each class

Seasons → Changes (leaves, migration)

Grade 1 Science

Lesson: ²⁰ 3-~~1~~

Unit: Daily and Seasonal Changes

Topic: Changes in Plants

Lesson

- Review last class → changes animals go through during seasonal change
 - hibernation, migration, shedding etc.
- Explain that animals are not the only living things to go through a change when the seasons change.
- Ask "what else is living other than animals?" → Plants
- "what changes do you know plants go through?" → leaves turn colour + fall
→ Flowers bloom
- Explain that a lot of our food comes from plants, and those plants also respond to the seasons
- "When do we get the most pumpkins?" → Fall → that's when they grow best
- Explain task to students
 - cut out fruits and vegetables
 - sort by season
 - take up answers
 - glue onto paper
- When done students work on finishing old work

Reminders

Supplies Needed

- Worksheets
- Cut-outs

Homework

Notes