

Addition and Subtraction Colouring Sheet

Grade 2 – Mathematics



Lesson Details

Grade Level:	2	Curriculum Links:	Mathematics, Visual Arts	Time Needed:	45 minutes
Learning Goal	To gain practice and confidence in math by solving math problems to colour an image of two turtles.				
Success Criteria	By the end of this lesson, students will have successfully completed the worksheet.				
Specific Expectations	<p><i>Mathematics – Operational Sense</i></p> <ul style="list-style-type: none"> Solve problems involving the addition and subtraction of whole numbers to 18, using a variety of mental strategies. <p><i>Visual Arts – Elements of Design</i></p> <ul style="list-style-type: none"> Secondary colours mixing colours with a limited palette; Repetition of colour and shape in patterns. 				
Materials Needed	Worksheet (attached), Pencil, Colouring Pencils, Crayons, Markers.				

Lesson Description

Overview	Students will solve math problems to discover the colours needed to complete the image of the turtles.
Activity	<ol style="list-style-type: none"> Hand out the worksheet and colouring supplies to the students. Students will work independently to complete the worksheet. Optional: Display the worksheets around the classroom for the students to admire.
Background Information	<p>Blanding’s Turtle: Bright yellow neck, highly domed carapaces (upper shell), many irregular radiation dots (small and discrete) on their shells, large black symmetrically arranged scutes (triangular sections).</p> <p>Painted Turtle: Red colouring underneath carapace and on neck, yellow stripes on face, smooth carapace, pale plastron (under-shell).</p>
Blacklist Masters	<ul style="list-style-type: none"> Worksheet (attached) For more information, please visit https://www.turtleguardians.com/sample-page/id-turtles/
Place-Based Learning	Where can the students find a turtle in their community? Students are encouraged to visit a natural area to find a turtle and to (from a distance) identify its characteristics.
Inquiry-Based Learning	Using Structured Inquiry , students will complete the worksheet. Ask the students: <ul style="list-style-type: none"> What does a turtle look like? Where can you find a turtle in your community?
Turtle Stories	Take a notebook with you and visit a natural area where you might find a turtle. Try to search for a turtle and draw it. Does it look like the one you just completed in class? Students are encouraged to share their experiences, pictures, and worksheets on the Turtle Stories website, found here: https://www.turtlestories.ca/
Turtle Guardian Program Links	After completing Level 1 (Ontario Turtle Identification) of the Turtle Guardian Program , students can move onto Level 2 (Wetland Watchers). In this level the students learn how to monitor wetland habitats, contribute to knowledge of wildlife-biology in the

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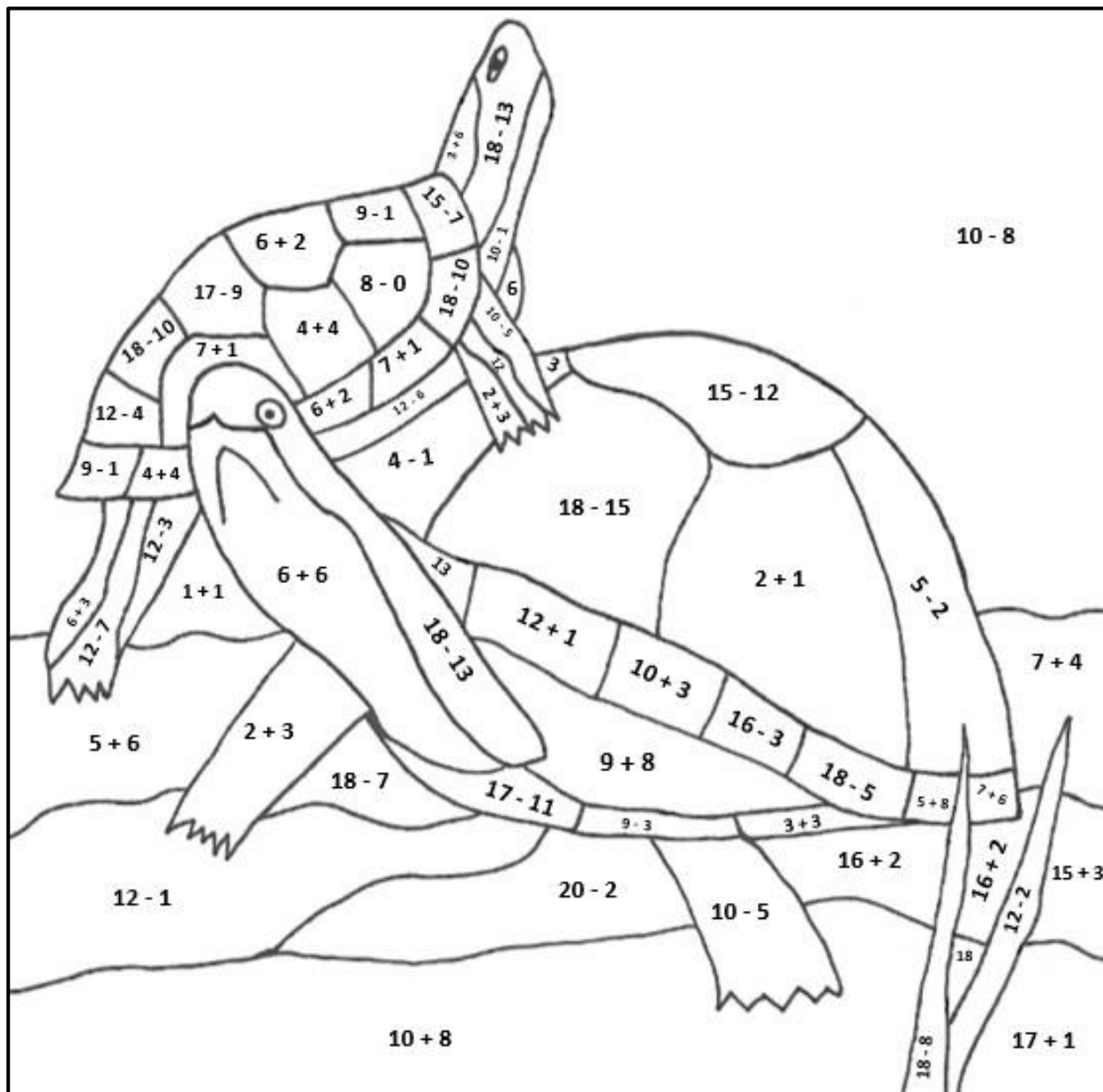
region, and are able to adopt a wetland to monitor for turtles, birds, and other animals. For more information, please visit <https://www.turtleguardians.com/what-is-a-turtle-guardian/>

My Notes



Addition and Subtraction Colouring Sheet

Solve the math problems using addition and subtraction to colour the image of the Painted and Blanding's Turtles!



18 = Dark Blue	12 = Yellow	3 = Light Gray	5 = Dark Green	11 = Light Blue	17 = Black
8 = Dark Gray	13 = Brown	9 = Red	6 = Orange	2 = Pink	10 = Light Green