



## UNIT OUTLINE AND LESSON PLANS

LESSON		OUTCOMES	ACTIVITY	RESOURCES & MATERIALS	ASSESSMENT	HOURS*
#1	<b>Biomes Lesson</b>	<b>Science 10 – CD2</b>	Learning the Biomes of the Earth	<b>Teacher Resource –</b> Smart Notebook File provided as biomes_lesson.pdf <b>Student Resource –</b> Biomes_Handout_Worksheet.pdf	Formative Assessment of students completing worksheet	1
#2	<b>Solar Power Inquiry</b>	<b>Science 10 – CD2</b>	Student Inquiry Exercise	<b>Teacher Inquiry Resource –</b> Solar_Biomes_Inquiry_AK.docx <b>Student Resource –</b> Solar_Biomes_Inquiry.docx	Teacher Observation of group discussions. Could collect papers to identify students' misunderstandings to direct teaching	0.5
#3	<b>Tilt of the Earth</b>	<b>Science 10 – CD2</b>	PowerPoint Presentation	<b>Teacher Resources -</b> Provided PowerPoint Presentation – SolarEarthTiltSmartFlower.pptx  Rotation_and_tilt_of_the_Earth.pdf (old presentation, provides additional teacher resources)	Questions for Exam or Quiz  Exit Slip	1.5
#4	<b>Convection Cycles and Biomes</b>	<b>Science 10 – CD2U</b>	Drawing the Convection Model	<b>Teacher Resources –</b> Convection_Currents_Biomes.pdf Convection_Model_Worksheet_AK.pdf <b>Student Resources –</b> Convection_Model_Blank_Student.docx Provide this blank document to students to fill in the first time you go through the convection model.  Convection_Model_Worksheet.docx	Self-Assessment – Answer Key to Worksheet provided to students	1

#5	<b>Coriolis Effect and Ocean Currents</b>	<b>Science 10 – CD2</b>	Lecture and Worksheet to follow	<b>Teacher Resources –</b> Coriolis_Effect_and_Ocean_Currents_Lesson.pdf <b>Student Resources –</b> Coriolis_Effect_and_Ocean_Currents_Worksheet.pdf	Self-Assessment – Answer Key to Worksheet provided to students	1
#6	<b>Summative Assessment</b>	<b>Science 10 – CD2</b>	Summative Assessment		Summative Assessment	1

*\*Instructional time may vary depending on student comprehension and lesson selection*