

Activity	Website	STA points
Educational games	https://education.abc.net.au/home#!/resources/-/all/all/interactive	20
Chose a science fair project to do. Create a story board to document your project. Include photos and captions in your work.	https://www.sciencebuddies.org/science-fair-projects/project-ideas/list https://www.education.com/science-fair/	20-50
Visit the Smithsonian Natural history museum. Chose one exhibit that interest you and summaries 5 key things you have learnt viewing the exhibit.	https://naturalhistory.si.edu/visit/virtual-tour	20
Smithsonian Webcast Archive. Watch a film and write a summary.	https://naturalhistory.si.edu/education/distance-learning/smithsonian-science-how-webcast-archives	20
Visit NestCam Learn about the breeding behaviour of birds. 1. Chose one of the birds and research the breeding behaviour of the species. 2. Carry out research to create and food web that includes the bird. 3. Describe two threats to the species. 4. Explain how these threats can be reduced or eliminated.	https://www.zooniverse.org/projects/spotteron/nestcams	20
Explore zooniverse. Org Chose an activity and write a summary on what the activity aims to do and write down 2 pieces of information you have learnt what you have learnt.	https://www.zooniverse.org/	20
Western Shield camera watch: Join in with this Citizen Science Project and discover the night life of the Jarrah forest.	https://www.zooniverse.org/projects/birgus2/western-shield-camera-watch	30
Visit Sandiego Zoo and/or Melbourne Zoo to watch the animals in action. 1. Chose an animal and write a biography on the animal. 2. Describe and explain the importance of captive breeding programs in conservation.	https://kids.sandiegozoo.org/videos https://www.zoo.org.au/animal-house/	40
Visit NASA and take a tour of the universe! List the five highlights of the the tour.	https://eyes.jpl.nasa.gov/eyes-on-the-solar-system.html	20
Volcano Cam 1. Chose a volcano and explain why the volcano is present at that location on the planet 2. Research and outline the stages of a volcanic eruption.	https://www.bbc.co.uk/programmes/articles/14zZfpg3vmb9r4FB9mCHjy/live-volcano-webcams	40
Webcam of African water holes 1. Record your observations at different times of the day- which animals visit and how to they interact? 2. Which time of day are animals most likely to visit and why?	https://explore.org/livecams/african-wildlife/nkorhobush-lodge	20
View the northern lights There is a wide variety of live webcam streams on the //explore.org website. 1. Explain why we can see the northern and southern lights in the sky at night.	https://explore.org/livecams/currently-live/northern-lights-cam	20
Coding apps: <ul style="list-style-type: none"> • Hour of code • Hopscotch • Scratch • Appinventor 1. List the apps you have used and describe the tasks or activities you have completed. 2. Why is coding so important in the 21 st century?	https://www.gethopscotch.com/ https://scratch.mit.edu/ideas http://appinventor.mit.edu/ https://code.org/student/middle-high https://hourofcode.com/au/learn	30
Login to ClickView and chose a STEM program to watch. Some programs have worksheets that can be printed and completed to put in your portfolio. If the film you chose doesn't have a worksheet to go with it, you can write a summary of the program to put in your portfolio	https://www.clickview.com.au/	20
Carbon footprints	https://www.earthhour.org.au/Discover/climatefuture	10
Ecological footprint	https://www.wwf.org.au/get-involved/change-the-way-you-live/ecological-footprint-calculator#gs.1j5vys	10