WORLD VISION RESOURCES

Food and Human Wellbeing Years 9 & 10: Australian Curriculum

Source of information and video http://www.worldvision.com.au/resources/SchoolResources/IndonesianResource.aspx?id=e6251963-cd63-4dd9-a0a1-f3845bb44726

This article addresses the Year 9 unit **Biomes and food security** and the Year 10 unit **Global geographies of human wellbeing**. It explores the challenges of food security, including land and water degradation, soils, competing land uses and climate change. These resources look at two very different Indonesian islands, Bali and Sumba.

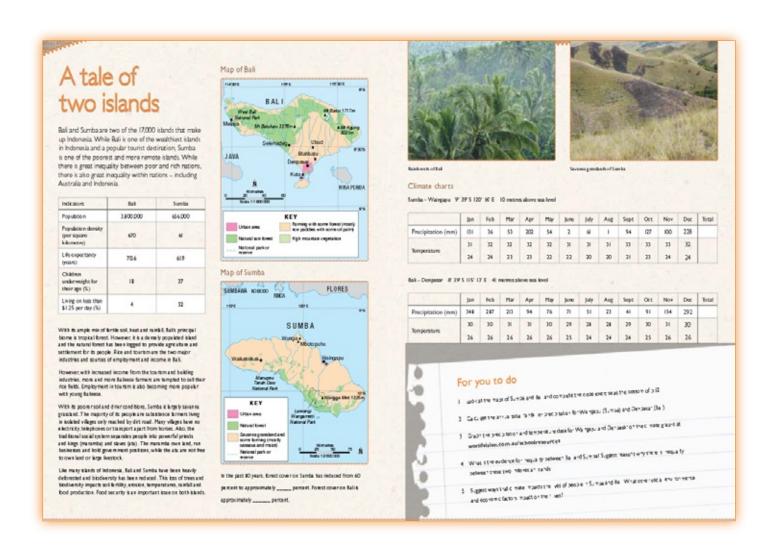
Overview:

- Tale of two islands
- Bali rice and forests
- Sumba corn and savanna grassland
- Food security strategies
- Reflections and thinking hats

Source: http://www.worldvision.com.au/Libraries/School_Resources/7018_Indo_Stories_Chapter_2.pdf

Complete the following activities

- Questions on DVD http://www.worldvision.com.au/ Libraries/School_Resources/DVD_activity_food.pdf
- Complete climate graphs http://www.worldvision. com.au/Libraries/School_Resources/Sumba_and_Bali_-_climate_graphs_p_12-13.pdf
- 3. Complete Venn diagram to show similarities and differences between Bali and Sumba http://www.worldvision.com.au/Libraries/School_Resources/Sumba_and_Bali_%E2%80%93_similarities_and_differences_p_14-15.pdf
- Draw a web map showing food insecurity for people living in Sumba – http://www.worldvision.com.au/Libraries/ School_Resources/Sumba_%E2%80%93_savanna_ grassland_p_15.pdf



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Bali - rice and forests

Ball is one of the wealthiest islands of Indonesia and a favorable tourist destination for Australians. It has a population of 3.8 million and sourains and rice production are the major sources of income and employment. It is the most densely populated sibnd in Indonesia with 670 people per square klometre (pm³). It has volcanic, fertile sol and high rainfall that is most suitable for agriculture. Indonesia is the third largest rice producer in the world.

Since the 18th century, National risk formers have used a sitigat water management strategy. All presents whom feets are field by the control of the control

Bull has about 1,200 solest cooperatives and in 2012, UNESCO-recognised solest farms as Wild He ritage sites.

However, rice production on flash is timulatived by the steady growth of fourtit, areas and increasing urban lattice. The law of secriting in the building or broath individently combined with light land prices, tempt more and more formers to self-time rice fields. Those falseless are moving easily from rice calculation and posterior analytic land is but an burst development are built. Tourstmashed-demands more of the lattice supply and this is also a risk factor for the fixture of fails in one production.

Sumba - corn and savanna grassland

Sumba is one of the poorest islands in Indonesia, It has a population of 656,000 and a population density of 61 per km2. Most live as subsistence farmers in poor rural areas without electricity or sanitation.

It is hot with low minks. The day season lobs nine months and dringful is a constant threat. To make matters whose, as subbarried of granulad and debountation means that only 4-10 general other sizes of some longer, they are for further Australia. It is assessing granulad. The soft suffers from excisor, and during the short many season, topical is welled away and the grow of lisk to almost water.

The shallow, efertile soil and heavy dependence on min-lied agriculture make agriculture difficult. Them is an over-dependence on com and cassars as the main crops and locusts have also been a threat.



ential som is stored by the village in twee during the day so to the local form sets and other paintals.

The people do not move because they be leve the land belongs to their axes tons and they have a responsibility to her them and come for it. These are troubtional beliefs that make development at change a challenge in Sanda.



Village from ing on Secreta, Hornescolo and Secretaria to make correct Constaing a dissertment a fine. Case persons the secretaria by an title because?

For you to do

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- \$ LOOK MITTER TROPIC THANK \$7574 MINE AND AND THESE OF \$1555 JAMES HE WEST GREAT AND esources to show the similar test and offerences between



Food security strategies

explored a range of strategies to address their food security. In 1998, the El Nino weather pattern led to serious malnutrition and hunger. In response, World Vision and AusAID conducted a "food for work" program. Families were provided with com and rice in exchange for working on community development projects.

Over the next ID years, World Vision provided agrice time training, and seeds and took to improve food production. This left to some seconds but with ongoing lack for risk and port ordiquisity, work a now boosing on more begingers asteral resource management.

For sectainable flood security, the communities are now looking to plan for the future and use natural resources whely and effectively. Communities now talk about "forests for our children".

Community leader Finne, with causast intercopped with traitand malogary, Here the causant leaves are picked and provide food that is high in holls posted and vitarios. Other crops planted arrangethe traces are help parents, my and groon leaves.

The commanties are now using approbratity to help abord water, improve soil fartility, and increase both their both security and when income. It is not in management retrategy in the floor of climate change. This modes pairing both times and floor copys together to create a more disenter, collabels, but by a sol extransible and to explain a more disenter, collabels, but by a sol extransible and are explained. Since of the task and modegaty verse planted can be harvested after server plant to ensure an excerne the châldnes to stated action Colombia can be harvested after 10 years and more again after 25 years.

again after 23 years.

Another imports it strategy to address the proble ms of deforestation and berning is proving and revesping the regressit of deforestation and berning is proving and revesping the regressit of existing these. Using board book such an machiness and kiness, it means provide branches are used for forecood and one cerebral stemons the plant is left to grow straight by The plant plant is remarking except with this originary should be proposed to thought and the plant is also provided by these last the earlies the plant to grow more rapidly. The progression of through the progress of the progress of





After some pairs the new many's again featily plat feature must at hability and the plate of the plate of the plate of the plate of the hability their marks and income to come this children are all to a trained when the construction of the table of the hability of the plate of the fer except, a control the table of the hability of the plate of the hability of the plate of the plate of the plate of the plate of the basis as tempted the produce one or at \$2.500. And to their ages and a late to the plate of the plate of the plate of the plate of the and those hereafted after 27 pairs, accompleted to produce as income of \$4.830.







For you to do

- 1 Read 514.(5 and explain why food recurs year might are to people on 5, who Chapte a hind hap from right sweller to improve bod security on \$1.750
- Minds is meant by the points in agreemently land is new to bound in the new address time needs of the second or Summer
- 3. Why single wearing an important wertural

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Reflection and action I was surprised to find out... The most interesting thing I learnt was... I would like to know more about... I don't understand... One thing I would like to do Edward de Bono's thinking hats Use de Bono's six thinking hats to explore Australia's engagement with Asia: Indonesia. This includes the DVD chapter and written resources. White hat: What are some of the facts you learnt as a result of looking at this topic? Red hat: How do you feel as a result of looking at this topic? Hopeful, angry, depressed, than kful, disappointed, something else? Black hat: What were some of the negative aspects to this topic? Yellow hat: What are some of the positive , encouraging or hopeful aspects of this topic? Green hat: What are some ideas or possible actions that could address an issue in this topic? Blue hat: What is the "big picture idea" behind this topic? What have you learnt about Australia's engagement with Indonesia?