

# Through thick and thin

**Meaning:** To stand by someone in good and bad times.

**Example:** True friends stay with you through thick and thin.



# Through Thick And Thin

**Ernest Weekley**



## Through Thick And Thin:

**Early American Proverbs and Proverbial Phrases** Bartlett Jere Whiting, 1977 p B J Whiting savors proverbial expressions and has devoted much of his lifetime to studying and collecting them no one knows more about British and American proverbs than he The present volume based upon writings in British North America from the earliest settlements to approximately 1820 complements his and Archer Taylor's Dictionary of American Proverbs and Proverbial Phrases 1820 1880 It differs from that work and from other standard collections however in that its sources are primarily not literary but instead workaday writings letters diaries histories travel books political pamphlets and the like The authors represent a wide cross section of the populace from scholars and statesmen to farmers shopkeepers sailors and hunters Mr Whiting has combed all the obvious sources and hundreds of out of the way publications of local journals and historical societies This body of material because it covers territory that has not been extracted and compiled in a scholarly way before can justly be said to be the most valuable of all those that Whiting has brought together according to Albert B Friedman What makes the work important is Whiting's authority a proverb or proverbial phrase is what BJW thinks is a proverb or proverbial phrase There is no objective operative definition of any value no divining rod his tact feel experience determine what's the real thing and what is spurious

Slang and Its Analogues Past and Present: Stra to Z John Stephen Farmer, 1904

Full of Ourselves Catherine Steiner-Adair, Lisa Sjostrom, 2006 This dynamic health and wellness education program was developed at the Harvard Medical School by a leading clinician and an acclaimed curriculum designer It addresses critical issues of body preoccupation and reduces risk for disordered eating in girls grades 3 8 Emphasizing girls personal power and overall mental and physical well being Full of Ourselves contains a range of upbeat units that foster increased self and body acceptance healthier eating and exercise habits leadership and media literacy skills and a range of coping skills for resisting unhealthy peer and cultural pressures Each unit ends with a Call to Action to help girls translate their new found knowledge into positive action at school home and in their community Older girls are trained as peer leaders and given the opportunity to pass along their learning to younger peers Evaluated with more than 800 girls this primary prevention curriculum is the first of its kind to show sustained positive changes in girls body image body satisfaction and body esteem Educators health professionals counselors and parents will find Full of Ourselves the ideal resource for helping girls make healthy choices for themselves

**The Vermonter**, 1913

**The Century Dictionary and Cyclopedia: The Century dictionary ... prepared under the superintendence of W. D. Whitney** William Dwight Whitney, Benjamin Eli Smith, 1900

The Student's Practical Dictionary of Idioms, Phrases and Terms, 1904

**Slang and Its Analogues Past and Present** John Stephen Farmer, 1903

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*A Dictionary of the English Language* Samuel Johnson, 1882

*New International Dictionary*, 1920

**An Etymological**

**Dictionary of Modern English** Ernest Weekley,1921      **The Australian Christian Commonwealth** ,1904      *Finding List* ,1908      **Universal Dictionary of the English Language** ,1898      La Isla Del Tesoro Robert Louis Stevenson,1916  
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