

# Bitcoin Block Header Structure (80 bytes)

BLOCK HEADER		
<b>Version</b>	4 bytes	<i>Block version number</i>
<b>Previous Block Hash</b>	32 bytes	<i>Hash of previous block header</i>
<b>Merkle Root</b>	32 bytes	<i>Root hash of all transactions</i>
<b>Timestamp</b>	4 bytes	<i>Block creation time (Unix)</i>
<b>Difficulty Target</b>	4 bytes	<i>nBits - compact difficulty</i>
<b>Nonce</b>	4 bytes	<i>Counter for PoW mining</i>

Each block links to previous via hash - creating an immutable chain

