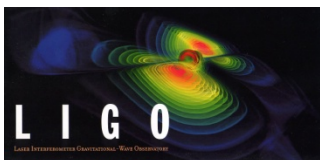
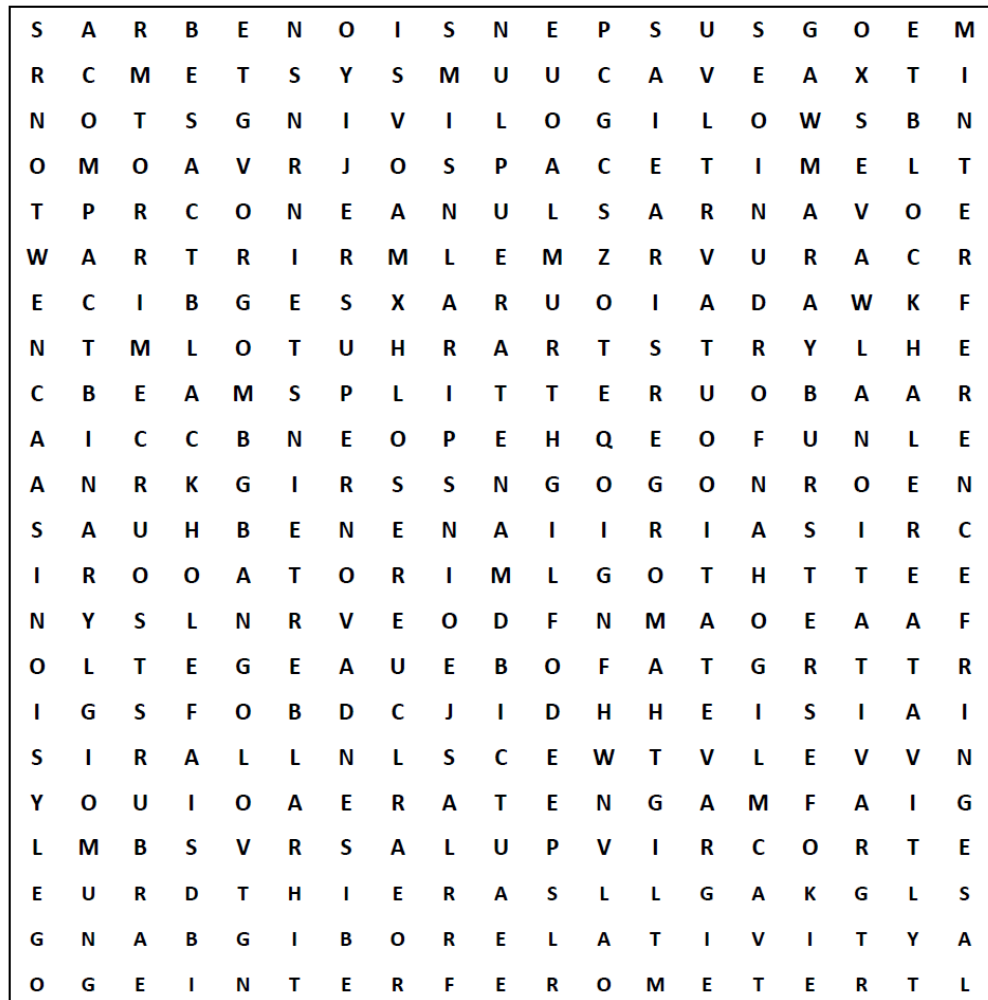


Searching for gravitational waves

Gravitational waves are ripples in spacetime produced by the most violent events in the Universe: exploding stars, colliding black holes, even the Big Bang itself! Astronomers are searching for these spacetime ripples with **LIGO**: a revolutionary new kind of observatory.

- Advanced LIGO
- Albert Einstein
- Beam splitter
- Big Bang
- Black hole
- Burst source
- Compact binary
- Gamma ray burster
- GEO
- Gravitational wave
- Inspiral
- Interference fringes
- Interferometer
- Isaac Newton
- LASER
- LIGO Hanford
- LIGO Livingston
- Magnetar
- Mirror
- Merger
- Neutron star
- Noise
- Pulsar
- Relativity
- Spacetime
- Speed of light
- Supernova
- Suspension
- Vacuum system
- VIRGO

Can you find these gravitational wave terms and phrases hidden in our LIGO word search?



To find out more about LIGO and gravitational waves, visit our website at <http://www.ligo.org/>

