

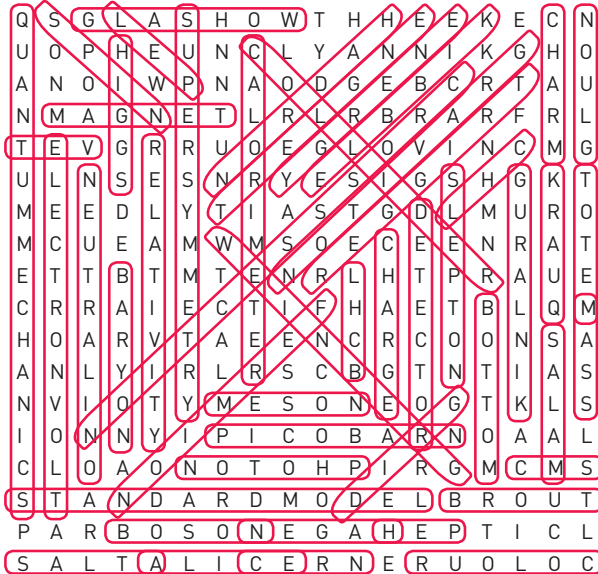


# Understanding the Higgs Boson

## ANSWERS



## Particle-physics word search



The unused letters spell out the following information about the Higgs boson:  
 "The only known fundamental scalar particle".

## High-energy word wheels

WHEEL 1:

9-letter word: mechanism

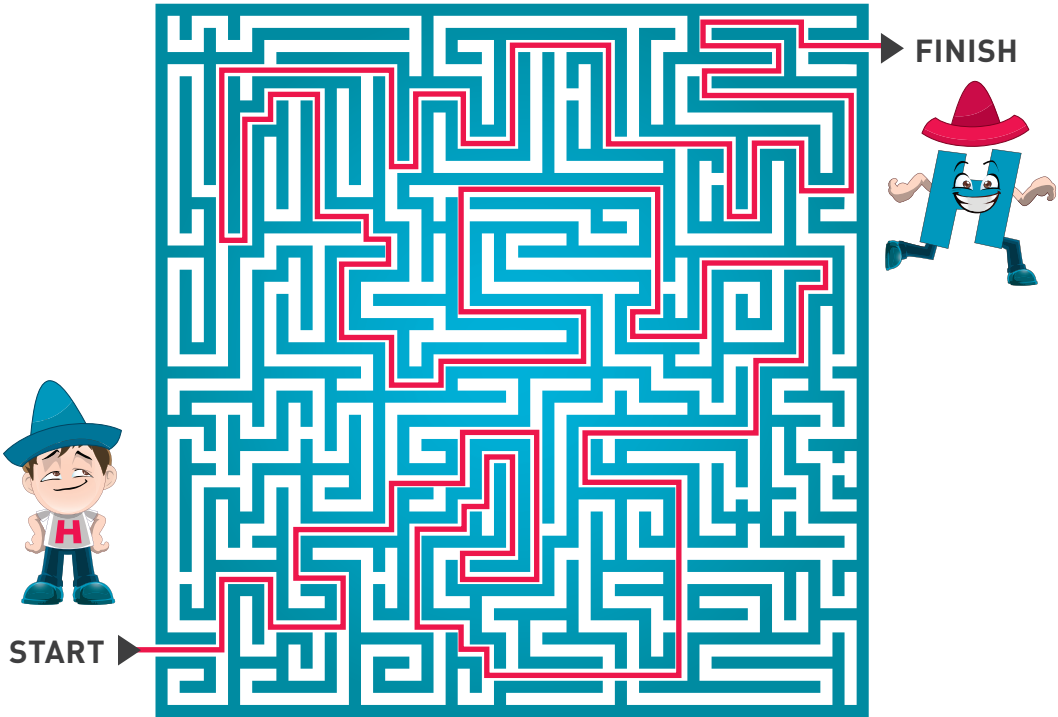
ace(s)	chime(s)	main(s)	nice	age
ache(s)	chin(s)	man	same	air
acne	china(s)	mane(s)	sane	akin
aim(s)	cinema(s)	manic	scam	an
an	each	mase	scan	anger
ash	encash	mash	seam	are
ashen	in(s)	mean(s)	sham	ark
came	is	men	shame	bag
can(s)	hen(s)	mesh	she	bairn
cane(s)	him	mice	shin	bake
case	his	mince(s)	shine	baker
cash	inch(es)	mine(s)	since	baking
chain(s)	inseam	misname	sin	ban
chase	machine(s)	name(s)	sine	bane
chasm	maim(s)	niche(s)		bang

Wheel 2:

8-letter word: breaking

banger	begin	brig	in	rake
bank	being	brine	ink	raking
bar	bier	bring	ire	ran
bare	big	brink	irk	rang
barge	bike	ear	keg	range
baring	biker	earring	kerb	rank
bark	bin	earn	kerbing	regain
barking	binge	era	kin	reign
barn	brae	gain	king	rein
beak	brag	garb	nag	rib
bean	brain	gear	near	rig
bear	brake	gin	nib	ring
bearing	braking	grab	rag	rink
beg	bran	grain	rage	
began	break	grin	rain	

# Search for the Higgs Boson



## Spot the difference

